R08-19-C-005

JEFFERSON LOCAL DEVELOPMENT CORPORATION JLDC

January 30, 2019

EPA Region 8
Melisa Devincenzi
1595 Wynkoop Street (EPR-B) Denver, CO 80202-1129

Re: Jefferson local Development Corporation Brownfields Clean Grant - Montana Development Center Dormitory X Building #6

Dear Miss Devincenzi:

Jefferson Local Development Corporation (JLDC) is pleased to submit this proposal to the U.S. EPA Brownfields Cleanup Grant Program. JLDC is requesting EPA funding to abate friable asbestos-containing material and then demolish the Northern X Dormitory #6 on the South Campus of the Montana State Training School in Boulder, Montana. The goal of the project is to redevelop the site for the construction of residential treatment facility owned and operated by Youth Dynamics Incorporated meeting SED (Serious Emotional Disturbance) Criteria. The purposed project would enable Youth Dynamics to address a serious need while creating jobs in an economically depressed community.

JLDC is the lead economic development organization for Jefferson County, providing information, finance solutions and educational programs for businesses and community members.

JLDC is a 501(c)(6) tax-exempt non-profit organization based in Whitehall, Montana. JLDC's goal is to promote the general welfare of Jefferson County by assisting business enterprises such as Youth Dynamics to provide critical services and create jobs.

The project site is located on the South Campus of the State Training School near the Jefferson River within the City of Boulder, Montana (pop. 1248), which is located 30 miles south of Helena on Interstate 15. In 1954, the State of Montana built the structure as a dormitory for the School and operated the property until it vacated the South Campus in the late 1970s. Jefferson County took ownership of the buildings in 2000 when the State relinquished its interest. Jefferson Local Development Corporation (JLDC) has had a lease-option on the campus and owns Building #6 and plans to redevelop the site for reuse.

The project site is located at Boulder's south entrance on Montana Secondary Highway 69. The presence of brownfields and blighted property in this highly visible location detracts from the character of the Boulder community and create a sense of disregard and neglect that discourages new investment. In June 2017, Boulder's economic challenges intensified when the State of Montana closed the Montana Developmental Center (MDC) resulting in the loss of 250 jobs. Further job losses followed when the Riverside Corrections Facility closed effecting 25 employees. JLDC and Jefferson County have completed a Phase II Environmental Assessment of the building and has developed a plan to redevelop the site once cleanup is complete. For site cleanup, we request a total of $313,130.00 in EPA funding. As a non-profit with a limited budget JLDC is requesting a waiver of the minimum 20% cost share ($62,626) but we will manage the project with an anticipated $20,000 in in-kind services.

103 West Legion Street
P.O. Box 1079
Whitehall, MT 59759

Tel 406.287.3282
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Email
alison.richardson@montana.edu
tom.harrington@montana.edu

Web www.jldcmt.com

JEFFERSON
LOCAL DEVELOPMENT
CORPORATION
JLDC

1. Applicant Information:

Jefferson Local Development Corporation
P.O. Box 1079
Whitehall, Montana 59759-1079

2. Funding Requested:
   a. Grant Type: Single Site Cleanup
   b. Federal Funds Requested: $313,130
   c. We are requesting cost-share waiver
   d. Contamination: Hazardous Substances
3. Location: City of Boulder, Jefferson County, Montana
4. Contacts:
   a. Project Director:
      Tom Harrington, General Manager
      Jefferson Local Development Corporation
      P.O. Box 1079
      Whitehall, Montana 59759
      Phone: (406) 287-3282
      Email: tom.harrington@montana.edu
   b. Chief Executive/Highest Ranking Official:
      Adam Senecal, Board President
      Jefferson Local Development Corporation
      P.O. Box 1079
      Whitehall, Montana 59759
      Phone: (406) 287-3282
5. Population:
   a. City of Boulder (project area): 1,248
6. Other Factors Checklist: Please see attached
7. Letter from the State or Tribal Environmental Authority: Please see attached

Thank you for considering our proposal. We look forward to working with your office on this very important project. Please feel free to contact me if you have any questions.

Sincerely,

Tom Harrington
General Manager

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DEQ
Montana Department
of Environmental Quality

January 10, 2019

Tom Harrington
Jefferson Local Development Corporation
MSU Extension Agent for Jefferson County
P.O. Box 1079
Whitehall, MT 59759

RE: Letter of Acknowledgment: Jefferson Local Development Corporation's Brownfields Grant Application for a Multipurpose Assessment and Cleanup Grant

Dear Mr. Harrington:

I am writing to express Montana Department of Environmental Quality's (DEQ's) acknowledgment of Jefferson Local Development Corporation's efforts to obtain a U.S. Environmental Protection Agency Brownfields Multipurpose Assessment and Cleanup Grant.

I understand that the Multipurpose Grant funds will be used to assess and cleanup hazardous substances at the South Campus Montana State Training School in Boulder, MT. DEQ understands that this funding is essential in Jefferson Local Development Corporation's efforts in repurposing/redeveloping this property. DEQ supports Brownfields efforts in Montana, and wishes to promote assessment and cleanup activities that allow contaminated properties to be put into productive and beneficial use.

If you have any questions or comments about petroleum brownfield sites, please feel free to call Brandon Kingsbury at 406-444-6547 or email him at bkingsbury@mt.gov. If you have any questions or comments about hazardous substance brownfields sites, please contact Jason Seyler at (406) 444-6447 or jseyler@mt.gov.

Sincerely,

Jenny Chambers, Administrator
DEQ Waste Management & Remediation Division

ec: Jason Seyler; Brownfields Coordinator; Cleanup, Protection, and Redevelopment Section; jseyler@mt.gov
Brandon Kingsbury; Petroleum Brownfields Coordinator; Petroleum Technical Section; bkingsbury@mt.gov

1. PROJECT AREA DESCRIPTION AND PLANS FOR REVITALIZATION

1.a. Target Area and Brownfields

1.a.i. Background and Description of Target Area: The project area is located on the boundary of the City of Boulder, Jefferson County, Montana. The community of Boulder began in the 1860s as a stagecoach stop on the line between Fort Benton and Butte. By 1888 when the Great Northern Railway's line between Helena and Butte came through Boulder, the City had established itself as a center for mining and agriculture. Boulder experienced steady growth into the 1970s with a peak population of 1,441 in 1980. The State's downsizing of Montana State Training School, record inflation, and low prices for agricultural commodities strained the local economy, and the population started to decline. The City's current population is 1,243, and once again the community is experiencing economic distress with the closure of the Montana Developmental Center (MDC) in June 2017 that eliminated 250 full-time jobs. The community lost 25 more jobs with the closure of the Riverside Women's Correctional facility. The Census Block Group 962202-1 indicates the community has lost population and the median and per capita income levels are significantly below state and federal averages, and these statistics coupled with a high poverty rate of 23.9% compound the community distress and need for economic development and job creation.

Today, the redevelopment of the South Campus represents an urgent need within the community. The South Campus is located at Boulder's south entrance on Montana Secondary Highway 69. The presence of brownfields and blighted property in this highly visible location detracts from the character of Boulder and create a sense of disregard and neglect that discourages new investment. The building targeted for cleanup is Dormitory X Building #6. Jefferson County took the title of the South Campus in 2000. The location of the Dormitory has tremendous redevelopment potential given the location less than two miles from Interstate 15, direct access to Secondary Highway 69, and connections to the City's water and wastewater systems. Also, Boulder's location on the banks of the Boulder River in a mountain valley renowned for its spectacular scenery gives the site a tremendous upside once the County removes the hazardous materials, demolishes the building, and backfills the site making it ready for redevelopment.

1.a.ii Description of Priority Brownfield Site: The brownfields property to be cleaned up under this grant is Dormitory X Building # 6 (Dormitory) located on Venture Way on the South Campus of the Montana Development Center (MDC), which was formerly known as the Montana State Training School (School) in Boulder. The Dormitory was constructed in 1954 for student housing. The structure is a 24,400 sq. ft. single story building with dorm rooms, classrooms, kitchens, and office space. The building was operated as a dormitory for the Montana State Training School, until being abandoned in the late 1980's. The building was listed as a contributing property to the Montana State Training School Historic District, on the National Register of Historic Places, in 2014. Jefferson Local Development Corporation (JLDC) and its project partner, Jefferson County is interested in redeveloping each building for residential, commercial or a combination of both.

The Phase I ESA completed by START (WESTON, 2016) identified the possibility of asbestos-containing material (ACM), lead-based paint (LBP) and other environmental hazards being present, due to the age of the building. The Environmental Protection Agency (EPA) tasked the Weston Solutions, Inc. (Weston) Superfund Technical Assessment and Response Team (Smart) to assist the EPA in conducting a Phase II Environmental Site Assessment (ESA) of the structure. Phase II assessment fieldwork was conducted on August 2, 2016 with supplementary sampling on October 25 and 26, 2018.

The Phase II ESA was conducted in accordance with Technical Direction Document (TDD) 0003/1808-05 and ASTM, International (ASTM) E1903-11– Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process. The purpose of a Phase II ESA is to achieve the objectives outlined in the Statement of Objectives (SOO) developed by the EPA, user(s), and the Phase II Assessor. Goals for this Phase II ESA were to acquire and evaluate enough information to determine the location and concentration of potential environmental contamination at the Site if present. The specific SOO for this Phase II ESA was as follows:

- Perform a data gap assessment for the on-site building for ACM to supplement previous sampling results.
- Develop enough information to render a reasonable professional opinion whether hazardous substances either are or are not present at the Site with respect to the potential concerns assessed. If present, include concentrations of hazardous substances based on field screening and/or laboratory analysis of samples.
- Gather and provide enough data to assist the TBA recipient in making informed decisions about the future use of the property.
- Obtain enough data to support conceptual remediation cost estimates, if necessary.

Results of the Phase II ESA have confirmed the presence of contaminants of concern (COCs) at the Site including Asbestos-Containing Material (ACM), Lead-Based Paint (LBP), and Polychlorinated Biphenyls (PCBs).

1.b. Revitalization of Target Area

1.b.i Redevelopment Strategy and Alignment with Revitalization Plans: The project to be funded under this grant aligns with the City of Boulder's land use and revitalization plans, most specifically the 2018 City of Boulder Growth Policy and Making Boulder's Future Bright Master Plan. The remediation of the hazardous materials and the demolition of the structure will make it possible for Youth Dynamics to act on its plan to a construct a new residential facility to support its programs. Youth Dynamics currently uses Building 7 and 8 on the campus. Building 8 requires upgrades and will be vacated once the program spaces are remodeled to be accommodated elsewhere. In Building 7 currently used by Youth Dynamics, existing concerns and deficiencies consist of spaces that were not specifically designed to support their programs. Building 7 is also not set up for expansion. A make-do attitude has enabled the staff and residents to make use of

the spaces; however, to improve the kids and staff experiences, safety through better sight lines, staff visibility, comfortability, durable, and modern finishes is essential. With Youth Dynamic's programs being critical for their clients, the fact that the existing building does not include private bedrooms, updated accessible single-user restrooms, central visibility and security, one point of visitor contact, and limited lighting, Youth Dynamics' plan is to renovate or seek new construction in order to better serve their residential programs. If this goal is not reached, substantial renovation work will result in the displacement of staff and residents while the work is completed, causing significant disruption to treatment and support for the children they serve.

The potential for expansion is almost unlimited because the need for the services that Youth Dynamic provides is so great. The U.S. Center for Disease Control and Prevention has reported up to 20 percent of children in the United States suffer from a mental disorder, and the percentage of kids being diagnosed has been rising for over a decade. The report estimated $247 billion per year is spent on medical bills, special education and juvenile justice in the U.S. If untreated, these individuals will often have trouble learning in school and building relationships later in life and are at risk for developing mental illnesses as adults. In Montana alone, $122,717,757 was spent on children's Medicaid mental health and CSCT (Comprehensive Schools & Community Treatment) in 2014. Youth Dynamics was involved with $11,821,655 of that total and continues to grow as demands increase. Since 2009, the number of Montana children in foster care each month, and the number of children's mental health clients have nearly doubled. These numbers are predicted to continue to grow.

Youth Dynamics is growing and staffing level due to an increased need for their services and an incredible level of service to local children. They plan to increase the capacity of the organization to serve youth with treatable negative behaviors to make progress towards a healthier future for themselves, their family, and their community. As the only Montana providers of treatment for highly-sexualized behaviors and substance abuse programs that specifically serve children who meet SED (Serious Emotional Disturbance) Criteria, there currently isn't another option for many Montana youth to receive help. Youth Dynamics must have the capacity to continue its important work, and the proposed project will help provide that capacity and with it the creation of jobs for the residents of Boulder.

1.b.ii Outcomes and Benefits of Overall Plan for Revitalization: The redevelopment of the project site will enable Youth Dynamics to increase the number of mentally ill children it can help, which would result in an increase of staff and day treatment and would have a potentially significant economic impact on the City of Boulder and Jefferson County. The redevelopment strategy would also improve the City's appearance. The project site is located at Boulder's south entrance on Montana Secondary Highway 69. The presence of brownfields and blighted property in this prominent location detracts from Boulder's character and create a sense of disregard and neglect that discourages new investment. By creating jobs and improving the appearance of the project site, the redevelopment strategy developed by Jefferson County, Jefferson Local Development Corporation, and the City of Boulder will make the community more appealing to its residents, tourists, and investors.

1.c Strategy for Leveraging Resources

1.c.i Resources Needed for Site Reuse: JLDC and Jefferson County have limited funding for cleanup, remediation or demolition. The opportunity to clean up and remediate the Building is currently beyond each entity's capabilities and using the EPA funding would enhance the ability for the redevelopment of the site for community economic development to help mitigate the impacts from losing the major community employer. However, once the remediation work is complete Youth Dynamics can initiate its expansion plan, Jefferson County and JLDC each have access to funding to help facilitate that process. For example, because of the loss of 275 jobs, Jefferson County or the City of Boulder may qualify for Economic Development Administration (EDA) Public Works or Economic Adjustment Assistance Programs to improve infrastructure such as water, wastewater, roads, broadband infrastructure, and whatever else may be identified as a need. Funding is also available through Montana's Community Development Block Grant Program, Big Sky Trust Fund Program, and USDA Rural Development.

Jefferson County and JLDC are also investigating the use of Historic Preservation Tax Credits, New Market Tax Credits, and New Market Tax Credits to attract private capital to the redevelopment of the South Campus. The site's listing on the National Register of Historic Places enables the use of Historic Preservation Tax Credits. The National Park Service administers the program with the Internal Revenue Service in partnership with State Historic Preservation Offices. The tax incentives promote the rehabilitation of historic structures of every period, size, style, and type. They are instrumental in preserving the historical places that give cities, towns and rural areas their special character.

The tax incentives for preservation attract private investment to the historic downtowns and neighborhoods of cities and towns. They also generate jobs, enhance property values, and augment revenues for State and local governments through increased property, business, and income taxes. The Preservation Tax Incentives also help create moderate and low-income housing in historic buildings. Through this program, abandoned or underused schools, warehouses, factories, retail stores, apartments, and hotels throughout the country have been restored and redeveloped in a manner that maintains their historic character. The New Markets Tax Credit Program attracts private capital into low-income communities by permitting individual and corporate investors to receive a tax credit against their federal income tax in exchange for making equity investments in specialized financial intermediaries called Community Development Entities (CDEs) that serve Low-Income Communities. The credit totals 39 percent of the original investment amount and is claimed over a period of seven years. The Program was established as part of the Community Renewal Tax Relief Act of 2000. The goal of the program is to spur revitalization efforts of low-income and impoverished communities across the United States and Territories. The NMTC Program provides tax credit incentives to investors for equity investments in certified Community Development Entities, which invest in low-income communities. The credit equals 39% of the investment paid out (5% in each of the first three years, then 6% in the final four years, for a total of 39%) over seven years (more accurately, six

years and one day of the seventh year). A CDE must have a primary mission of investing in low-income communities and persons.

Being able to leverage private sector investment with state and federal grants and low-interest loans as well as tax credits JLDC and Jefferson County will encourage Youth Dynamics and others to invest in the redevelopment of the site, provide critical services, enhance the local tax base and create jobs.

1.c.ii Use of Existing Infrastructure: The South Campus is connected to the City of Boulder's water and wastewater systems. The presence of this infrastructure enhances the redevelopment value of the property. The property also enjoys easy access to Montana Secondary Highway 69 and is less than two miles from Interstate 15.

2. COMMUNITY NEED AND COMMUNITY ENGAGEMENT

2.a Community Need

2.a.I The Community's Need for Funding: The City of Boulder's median household income (MHI) is significantly lower than in Jefferson County and the State of Montana and poverty rates are much higher. According to the 2010-2014 American Community Survey, Boulder's MHI is $37,375, while Jefferson County has an MHI of $61,460. The MHI for the state of Montana is $46,766. Boulder's poverty rate is 23.8%, versus 9.0% for Jefferson County and 15.3% for Montana. JLDC and Jefferson County cannot finance on their own the cleanup, remediation or demolition. The opportunity to remediate the South Campus properties are currently beyond their capabilities, and they are confident that by partnering with the EPA and the Brownfields Cleanup Grant Program they can significantly enhance their ability for renovating and redevelop the South Campus site for community economic development that would help mitigate the impacts of losing Boulder's major employer.

2.a.ii Threats to Sensitive Populations:

(1) Health of Welfare of Sensitive Populations: The proposed project would make it possible for Youth Dynamics to act on its preferred plan, which is to build new residential facilities to support its programs. Youth Dynamics currently uses Building 7 and 8 on the campus. A preliminary architectural report (PAR) commissioned by Jefferson County in 2016 noted that Building 8 requires upgrades and will be vacated once the program spaces are remodeled to be accommodated elsewhere. In Building 7's existing concerns and deficiencies consist of spaces that were not specifically designed to support their programs. Building 7 is also not set up for expansion. A make-do attitude has enabled the staff and residents to make use of the spaces; however, to improve the kids and staff experiences, safety through better sight lines, staff visibility, comfortability, durable, and modern finishes is essential. Youth Dynamics plans to renovate or seek new construction to better serve their residential programs. If this goal is not reached, substantial renovation work will result in the displacement of staff and residents while the work is completed, causing significant disruption to treatment and support for the children they serve. The need for the services Youth Dynamics provides is staggering.

In Montana alone, $122,717,757 was spent on children's Medicaid mental health and CSCT (Comprehensive Schools & Community Treatment) in 2014. Youth Dynamics was involved with $11,821,655 of that total and continues to grow as demands increase. Since 2009, the number of Montana children in foster care each month, and the number of children's mental health clients have nearly doubled. These numbers are predicted to continue to grow.

The proposed project supports Youth Dynamics' plan to increase the capacity of the organization to serve youth with treatable negative behaviors to make progress towards a healthier future for themselves, their family, and their community. As the only Montana providers of treatment for highly-sexualized behaviors and substance abuse programs that specifically serve children who meet SED (Serious Emotional Disturbance) Criteria, there currently isn't another option for many Montana youth to receive help. Youth Dynamics must have the capacity to continue its important work, and the proposed project will help provide that capacity and with it the creation of jobs for the residents of Boulder.

Also, approximately one-third of Boulder's residents can be classified as belonging to a population as indicated by the following table.

Table 1 – Sensitive Populations

Percentage of Boulder Residents Belonging to Sensitive Populations	
Minorities	4.1%
Over 65 Years Old	10.9%
Children	12.0%
Women of Child Bearing Age	6.4%
Source: American Community Survey 5-year estimates 2012-2016 data	

(2) Greater Than Normal Incidence of Disease and Adverse Health Conditions: Contamination from brownfields within the Target Area may expose the public and the children that reside near the project area in the residential treatment facilities operated by Youth Dynamics, to potential health impacts through exposure routes such as inhalation, ingestion, and dermal contact. The health concerns of the suspect contaminants (asbestos, lead, and PCBs) include higher incidents of cancer, harm to the immune system, nervous system, and endocrine system.

No health data exists for the project area or the City of Boulder. The public is currently unsure as to the degree of risk from possible harmful contaminants present in the structures targeted for remediation.

(3) Economically Impoverished/Disproportionally Impacted Populations: The City of Boulder is a bit of a paradox. It is the county seat for Jefferson County, which has one Montana's highest median household incomes (MHI) at $61,460. Boulder's MHI according to 2010-2014 American Community Survey data is $37,375, and the poverty rate is 23.8% versus 9.0% for the entire County. 31% of the elementary school students and 35% of the students in grades 7 & 8 qualify for free or reduced-price school meals. According to 2016, American Community Survey data 33%

of the population under 18 live in poverty. The closure of the Montana Developmental Center in 2017 resulted in the loss of 250 jobs and put further strain on an economically fragile population.

2.b Community Engagement

2.b.i Community Involvement: JLDC and Jefferson County are the project's lead entities with the support of Youth Dynamics Inc. Jefferson County is the entity that will apply for state and federal funding that will provide necessary resources to support the redevelopment of the Dormitory and ultimately the entire South Campus project site.

Table 2 – Point of Contact Information

Partner Name	Point of Contact	Specific Role
Jefferson County	Leonard Wortman (406) 225-4025 lwortman@jeffersoncounty-mt.gov	Oversee administration of EPA funding and engage government agencies to secure further finance support and technical assistance for redevelopment activities.
Jefferson Local Development Corp.	Tom Harrington (406) 225-4025 tom.harrington@montana.edu	Assist with project management and facilitate community engagement
Youth Dynamics, Inc.	Dennis Sulser, Ed. D. (406) 569-1333	Oversee the redevelopment of the Griffin Building # and Cottage #5 as residential treatment facilities.

2.b.ii Incorporating Community Input: JLDC and Jefferson County will maintain a high level of community engagement by a range of venues. Public discussions held as part of regular meetings of the Jefferson County Commission, the Boulder Transition Advisory Committee (BTAC) which the City of Boulder hosts each month, and other meetings involving members of the public are an effective method for engaging the public this is tight-knit community members. Public meetings concerning the project will be held at the Jefferson County Clerk and Recorder Office and the Boulder City Hall. The date and time of any public meetings will be advertised in the Boulder Monitor at least a week prior, posted on the Jefferson County website, and the Notice Board at City Hall. JLDC hosts quarterly business roundtables in northern Jefferson County where it will give project updates and take public comment. JLDC will also be an on-going source of general information to the public on the site remediation. Various media will also be utilized including public notices, press releases, the County's website, and presentations before community organizations, as well as handouts.

3. TASK DESCRIPTIONS, COST ESTIMATES, AND MEASURING PROGRESS

3.a Description of Tasks and Activities:

Task 1 – Cooperative Agreement Oversight: JLDC procure the services of a Qualified Environmental Professional (QEP) and a Montana Licensed Site Professional (LSP) to oversee all response actions on the Site. From that evaluation, a limited number of practicable remedial alternatives that could be implemented at the Site were identified based on available Site data, and experience with similar sites. We estimate the cost of QEP and LSP services at $9,500.00

Task 2 – Community Outreach & Engagement: The JLDC and Jefferson County will engage the Boulder community include the Boulder Transition Advisory Committee, realtors, property owners, developers, and community health officials throughout the cleanup process. The QEP will develop a Community Relations Plan (CRP) and prepare and advertise an Analysis of Brownfield Cleanup Alternatives (ABCA). JLDC and QEP will hold a public meeting to discuss the Draft ABCA and solicit comments and encourage participation from the community on the proposed cleanup plan. Four additional public meetings will be held before, during, and after remediation activities. We estimate QEP expenses of $9,000. Supplies will include meeting flyers, handouts for public meetings and site factsheets ($200 per meeting x 5 meetings = $1,000). JLDC will provide in-kind support toward participation in the public meetings and providing ongoing communication to EPA and Montana DEQ. Outputs include CRP, Draft ABCA, Final ABCA, meeting minutes from public meetings, presentation materials, and site fact sheets.

Task 3 – Site-Specific Activities: The QEP and LSP will develop site-related documents pertaining to clean up, and manage the procurement of an accredited asbestos remediation company to assess hazard risk and determine appropriate remedial actions to address ACM at the Site (e.g., abatement, encapsulation, etc.). ACM remediation is recommended prior to any renovation or demolition activities at the Site in order to permanently mitigate exposure risk. Pending final redevelopment/re-use plans for the Site and considering the type and condition of ACM identified, development of an ACM Operations and Maintenance (O&M) Plan to monitor condition of ACM identified at the Site, removal of select ACM (e.g., friable pipe insulation), and/or a combination of these remediation methods could be implemented. START recommends contracting an accredited asbestos remediation company to create and implement an ACM Operations and Maintenance (O&M) Plan to monitor the condition of ACM identified.

JLDC will contract an accredited lead remediation company to assess hazard risk and determine appropriate remedial actions to address LBP at the Site (e.g., encapsulation, chemical striping, removal, etc.). Based on the results of the LBP survey, it is recommended that LBP present on plaster walls be encapsulated or removed. Lead in the ceramic tile glazing only needs to be addressed during renovation or demolition of the tiles, when potentially creating lead dust. As per the United States Department of Housing and Urban Development (HUD) Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing (2012 edition), ceramic tiles are not considered lead-based paint; their presence does not need to be included in disclosure under the Lead Disclosure Rule (HUD, 2012). Dust control methods will be implemented and a Toxicity Characteristic Leaching Procedure (TCLP) sample is recommended for demolition debris before disposal. JLDC will utilize an EPA "Lead-Safe Certified" Renovation Firm be utilized when conducted LBP remediation.

Other activities include the removal and disposal of PCB-containing equipment (e.g., light ballasts and transformer) demolition activities. If mercury-containing thermostat switches are

encountered during renovation or repair activities, they will be properly removed and disposed of.

We QEP and LSP expenses of $38,126 to assist JLDC with procurement and oversight of contractors. The estimated cost to conduct the building demolition is $281,322, the estimated cost of friable ACM abatement is $25,534 and backfilling the site to level grade. The QEP and LSP will provide project oversight and procurement. Outputs will include a Site-Specific QAPP, RAM Plan, SMP Plan, and technical specifications for hazardous building materials abatement and soil excavation and offsite recycling/disposal.

Task 4 – Regulatory Closure Reporting: A RAM Completion Report will be submitted to MDEQ. Estimated costs to prepare the above documents are $5,000 for the RAM Completion Report.

3.b Costs Estimates and Outputs

Table 3 – Budget Table

Budget Categories		Project Tasks (4)				
		Task 1 - Cooperative Agreement Oversight	Task 2 - Community Outreach and Engagement	Task 3 - Site Specific Activities	Task 4 - Regulator Closure Reporting	Total
Direct Costs	Personnel	$0	$0	$0	$0	$0
	Fringe Benefits	$0	$0	$0	$0	$0
	Travel	$0	$0	$0	$0	$0
	Equipment	$0	$0	$0	$0	$0
	Supplies	$0	$0	$0	$0	$0
	Contractual	$9,500	$10,000	$351,256	$5,000	$375,756
	Other	$0	$0	$0	$0	$0
Total Direct Costs		$9,500	$10,000	$351,256	$5,000	$375,756
Indirect Costs		$0	$0	$0	$0	$0
Total Federal Funding		$0	$0	$313,130		$313,130
Cost Share ($62,626)		$9,500	$10,000	$38,126	$5,000	$62,626
Total Budget		$9,500	$10,000	$351,256	$5,000	$375,756

3.c Measuring Environmental Results

JLDC will work with the QEP, LSP and EPA to track, measure and evaluate our progress in achieving project outcomes, outputs and project results. The QEP and LSP will develop a Workplan for approval by EPA Region 8 which will outline anticipated outputs and outcomes. This information will be tracked in the quarterly and final reports. JLDC will utilize the Assessment, Cleanup and Redevelopment Exchange System (ACRES) to report, document and track information such as funding received, contamination present, acres cleaned up, buildings redeveloped, and funds leveraged.

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Anticipated outcomes include: The Dormitory will be demolished with proper remediation to minimize exposure to hazardous materials and reducing health and safety risks. Anticipated Outputs include: a signed contract with a QEP and LSP, 8 Quarterly reports and MBE/WBE reporting, a Community Relations Plan (CRP), Draft ABCA, Final ABCA, meeting minutes from public meetings, presentation materials and site fact sheets, a Site-Specific QAPP, RAM Plan, SMP Plan, technical specifications for hazardous building materials abatement and a RAM Completion Report, and a Permanent Solution Report.

4. PROGRAMMATIC CAPABILITY AND PAST PERFORMANCE

4.a. Programmatic Capability

4.a.i Organizational Structure and Experience:

Incorporated in 1998, Jefferson Local Development Corporation (JLDC) is a private non-profit 501 c(3) corporation. JLDC has a twelve member of directors that are elected by the members, which include Jefferson County and the City of Boulder. Proven track record over 20 years in project development and business assistance. Assist businesses with plan, marketing and financing. Conduct periodic business planning and operations classes to help new and existing businesses start and expand. Assist businesses with research of current regulatory requirements. Tom Harrington has over 20 years of project development and management experience and he will ensure that JLDC complies with all federal programmatic requirements.

4.b.i Past Performance and Accomplishments

4.b.ii Has Not Received an EPA Brownfields Grant but has Received Other Federal or Non-Federal Assistance Agreements:

4.b.(1) Accomplishments

JLDC has been utilized Economic Development Administration (EDA) grants to develop infrastructure for a business park that was subsequently incorporated into a tax increment district managed by JLDC with several small businesses. Another successful EDA project was renovation of Building 7 and 8 on the South Campus into group homes operated by Youth Dynamics for over 15 years.

JLDC has utilized HUD grant for economic development to assist small businesses and start initial internet services in rural areas of the county when no providers were available. Internet program that was started eventually divided into two for profit organizations that continue to provide services in the area and expand operations.

4.b.(2) Compliance with Grant Requirements

JLDC demonstrated that it the programmatic capacity and expertise to comply with the administration requirements of EDA and HUD/CDBG funding each of the grants were closed without a finding for non-compliance.

Threshold Criteria Response and Attachments

1. **Applicant Eligibility**
   Jefferson Local Development Corporation (JLDC) is a nonprofit organization described in section 501(c)(3) of the Internal Revenue Code.
2. **Site Ownership Information**
   JLDC owns Dormitory X Building #6 (Dormitory) which meets the CERCLA § 101 (39) definition of a brownfield. JLDC took ownership of the building from Jefferson County took ownership of the property in January 2017.
3. **Basic Site Information**
   The Dormitory located on Venture Way on the South Campus of the Montana Development Center (MDC), which was formerly known as the Montana State Training School (School) in Boulder. The Dormitory was constructed in 1954 for student housing. The structure is a 24,400 sq. ft. single story building with dorm rooms, classrooms, kitchens, and office space. The building was operated as a dormitory for the Montana State Training School, until being abandoned in the late 1980's. The building was listed as a contributing property to the Montana State Training School Historic District, on the National Register of Historic Places, in 2014.
4. **Status of History of Contamination at the Site**
   (a) The Dormitory is contaminated with hazardous materials.
   (b) The Dormitory was used for student housing at the Montana State Training School from 1952 to 1988.
   (c) A Level II Assessment completed in 2018 identified asbestos in the door and window caulk, floor tile, linoleum, plaster, pipe insulation. Areas that tested positive for lead-based paint include each wing of the facility, the kitchen, and bathroom areas.
5. **Enforcement or Other Actions**
   There are no known ongoing or anticipated environmental enforcement or other actions related to the site for which brownfields funding is sought.
6. **Site Eligibility and Property Ownership Eligibility**
   CERCLA §107 Liability
   JLDC did not own did not own or operate a facility at the time of disposal of a hazardous substance, did not arrange for the treatment or disposal of hazardous substances, or accept hazardous substances for transport to disposal or treatment facilities at the site. JLDC is eligible for CERCLA liability protections under the exclusion for state or local governments that involuntarily acquire property (CERCLA §101(20)(D).
   a) Information on Liability and Defenses/Protections
      i) Information on Property Acquisition
         (a) JLDC acquired the Site from Jefferson County in January 2017.
         (b) JLDC owns the Site through fee simple title and has sole ownership of the Site.
         (c) There are no familial, contractual, corporate, of financial relationships between
         (d) JLDC and prior owners/operators of the property.
   b) Timing and/or Contribution Toward Hazardous Substances Disposal
      i) All disposal of hazardous substances occurred before JLDC acquired the property. JLDC did not cause or contribute to the contamination identified in the property nor

has JLDC arranged the disposal of hazardous materials at the Site or transported hazardous materials to the site.

c) Pre-Purchase Inquiry
   i) None were conducted.
d) Post-Acquisition Uses
   i) The property has not been in use since it was abandoned by the State of Montana in the late 1980s and remains vacant. The EPA contracted with Weston to conduct the Phase Iand Phase II ESAs in 2016 and 2018, respectively.
e) Continuing Obligations
   i. Comply with all land-use restrictions and institutional controls;
   ii. Assist and cooperate with those performing the cleanup and provide access to the property;
   iii. Comply with all information requests and administrative subpoenas that have or may be issued in connection with the property; and
   iv. Provide all legally required notices.

7. Cleanup Authority and Oversight Structure

i. The Site is will be cleaned up in accordance with the requirements of Environmental Protection Agency and Montana Department of Environmental Quality.

8. <u>Community Notification</u>

(a) Draft Analysis of Brownfield Cleanup Alternatives

i. The applicant allowed the community an opportunity to comment on the draft proposal, including an attached draft Analysis of Brownfield Cleanup Alternatives (ABCA). The draft ABCA(s) briefly summarized information about:
ii. the site and contamination issues, cleanup standards, and applicable laws;
iii. the cleanup alternatives considered (for each alternative and the alternative chosen include information on the effectiveness, the ability of the grantee to implement, the resilience to address potential adverse impacts caused by extreme weather events, the cost, and an analysis of the reasonableness); and
iv. the proposed cleanup.

(b) Community Notification Ad

i. JLDC provided the community, including those within the Target Area, with notice of its intent to apply for an EPA Cleanup Grant on January 29, 2019. The notice indicated that the JLDC seeking public comment on the draft proposal and draft ABCA and that copies of the draft proposal and draft ABCA are available at the Jefferson County Courthouse. The advertisement also announced that a public meeting would be held in conjunction with a meeting of the Jefferson County Commission during which public comments will be accepted. The public were able to submit comments in person, via telephone or e-mail.

(c) Public Meeting

(d) Submission of Community Notification Documents

A copy of the draft ABCA, the public notice and solicitation for comments on the proposal, and minutes from the January 29, 2019 meeting are attached.

9. Statutory Cost Share (See also IV.E. on Leveraging)

(1) JLDC will provide the $62,626 in direct financial contributions amounting to $40,000. Such funds will be used to complete eligible and allowable programmatic activities under the grant.
(2) JLDC is not seeking a cost share waiver.

Internal Revenue Determination Letter

DEC 14 1998

INTERNAL REVENUE SERVICE
DISTRICT DIRECTOR
P. O. BOX 2508
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

Date: 12-9-98

JEFFERSON LOCAL DEVELOPMENT
CORPORATION
PO BOX 1079
WHITEHALL, MT 59759-1502

Employer Identification Number:
(b) (6)
DLN:
(b) (6)
Contact Person:
EO CUSTOMER SERVICE
Contact Telephone Number:
(213) 894-2289
Internal Revenue Code
Section 501(c)(06)
Accounting Period Ending:
June 30
Form 990 Required:
Yes
Addendum Applies:
No

Dear Applicant:

Based on information supplied, and assuming your operations will be as stated in your application for recognition of exemption, we have determined you are exempt from Federal income tax under section 501(a) of the Internal Revenue Code as an organization described in the section indicated above.

Unless specifically excepted, you are liable for taxes under the Federal Insurance Contributions Act (social security taxes) for each employee to whom you pay $100 or more during a calendar year. And, unless excepted, you are also liable for tax under the Federal Unemployment Tax Act for each employee to whom you pay $50 or more during a calendar quarter if, during the current or preceding calendar year, you had one or more employees at any time in each of 20 calendar weeks or you paid wages of $1,500 or more in any calendar quarter. If you have any questions about excise, employment, or other Federal taxes, please address them to this office.

If your sources of support, or your purposes, character, or method of operation change, please let us know so we can consider the effect of the change on your exempt status. In the case of an amendment to your organizational document or bylaws, please send us a copy of the amended document or bylaws. Also, you should inform us of all changes in your name or address.

In the heading of this letter we have indicated whether you must file Form 990, Return of Organization Exempt From Income Tax. If Yes is indicated, you are required to file Form 990 only if your gross receipts each year are normally more than $25,000. However, if you receive a Form 990 package in the mail, please file the return even if you do not exceed the gross receipts test. If you are not required to file, simply attach the label provided, check the box in the heading to indicate that your annual gross receipts are normally $25,000 or less, and sign the return.

If a return is required, it must be filed by the 15th day of the fifth month after the end of your annual accounting period. A penalty of $20 a day is charged when a return is filed late, unless there is reasonable cause for the delay. However, the maximum penalty charged cannot exceed $10,000 or 5

percent of your gross receipts for the year, whichever is less. For organizations with gross receipts exceeding $1,000,000 in any year, the penalty is $100 per day per return, unless there is reasonable cause for the delay. The maximum penalty for an organization with gross receipts exceeding $1,000,000 shall not exceed $50,000. This penalty may also be charged if a return is not complete, so please be sure your return is complete before you file it.

You are not required to file Federal income tax returns unless you are subject to the tax on unrelated business income under section 511 of the Code. If you are subject to this tax, you must file an income tax return on Form 990-T, Exempt Organization Business Income Tax Return. In this letter we are not determining whether any of your present or proposed activities are unrelated trade or business as defined in section 513 of the Code.

You are required to make your annual return available for public inspection for three years after the return is due. You are also required to make available a copy of your exemption application, any supporting documents, and this exemption letter. Failure to make these documents available for public inspection may subject you to a penalty of $20 per day each day there is a failure to comply (up to a maximum of $10,000 in the case of an annual return).

You need an employer identification number even if you have no employees. If an employer identification number was not entered on your application, a number will be assigned to you and you will be advised of it. Please use that number on all returns you file and in all correspondence with the Internal Revenue Service.

If we have indicated in the heading of this letter that an addendum applies, the enclosed addendum is an integral part of this letter.

Because this letter could help resolve any questions about your exempt status, you should keep it in your permanent records.

If you have any questions, please contact the person whose name and telephone number are shown in the heading of this letter.

Sincerely yours,

District Director

Site Ownership Information

After Recording, Return To:
Rocky Mountain Title & Insured Closing Services, Inc.
P.O. Box 268
Helena, MT 59624

JX19357

261663 Fee $14.00 Page 1 of 2
JEFFERSON COUNTY
Recorded 1/11/2017 At 3:30 PM
BONNIE RAMEY, Clerk and Recorder
By Sharmin Owen Deputy

WARRANTY DEED

For Value Received, **Jefferson County, a political subdivision of the State of Montana**, the Grantor(s), do(es) hereby grant, bargain, sell, convey and confirm unto **Jefferson Local Development Co**, of Box 1079 Whitehall, MT 59759 the Grantee(s), the following described premises, in Jefferson County, Montana, to-wit:

SEE EXHIBIT A

TO HAVE AND TO HOLD the said premises, with his/her/their appurtenances unto the said Grantee(s), his/her/their heirs and assigns forever, and the said Grantor(s) do hereby covenant to and with the said Grantee(s), that he/she/they is/are the owner(s) in fee simple of said premises; that they are free from all encumbrances except all easements, assessments, taxes, agreements, restrictions and covenants of record or assessed against the above-described property; and that he/she/they will warrant and defend the same from all lawful claims whatsoever.

DATED: January 10, 2017

Jefferson County,
a political subdivision of the State of Montana

By: [signature]
Cory Kirsch

STATE OF Montana, COUNTY OF Jefferson

On this 10 day of January, 2017, before me, a Notary Public in and for said State, personally appeared Cory Kirscen known to me to be the Presiding Officer of Jefferson County, a political subdivision of the State of Montana, is subscribed to the within instrument and acknowledged to me that he/she/they executed the same.

[signature]
Notary Public for the State of Montana
Residing at:
My Commission Expires:

HELEN AUCH
NOTARY PUBLIC for the
State of Montana
Residing at Boulder, MT
My Commission Expires
October 15, 2020

HELEN AUCH NOTARIAL SEAL STATE OF MONTANA

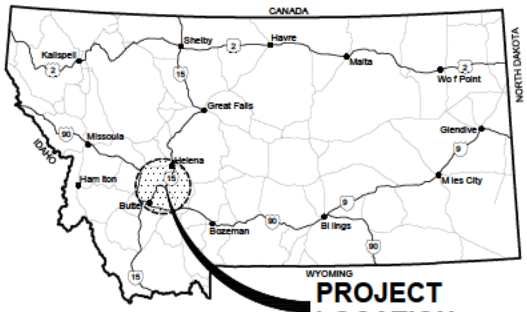
Exhibit A

Lot 1, Lot 3 and Lot 4 of South Campus Minor Subdivision, as shown on Certificate of Survey Number 255073, Folio 897B, Jefferson County, Montana.

261663 Fee $14.00 Page 2 of 2
JEFFERSON COUNTY
Recorded 1/11/2017 At 3:30 PM
BONNIE RAMEY, Clerk and Recorder

Site Map

F:\1-19103-JLDC EPA\CADD X-XXXXX\Exhibits\EPA Brown Fields Project Vicinity Map.dwg



LOCATION MAP
NOT TO SCALE

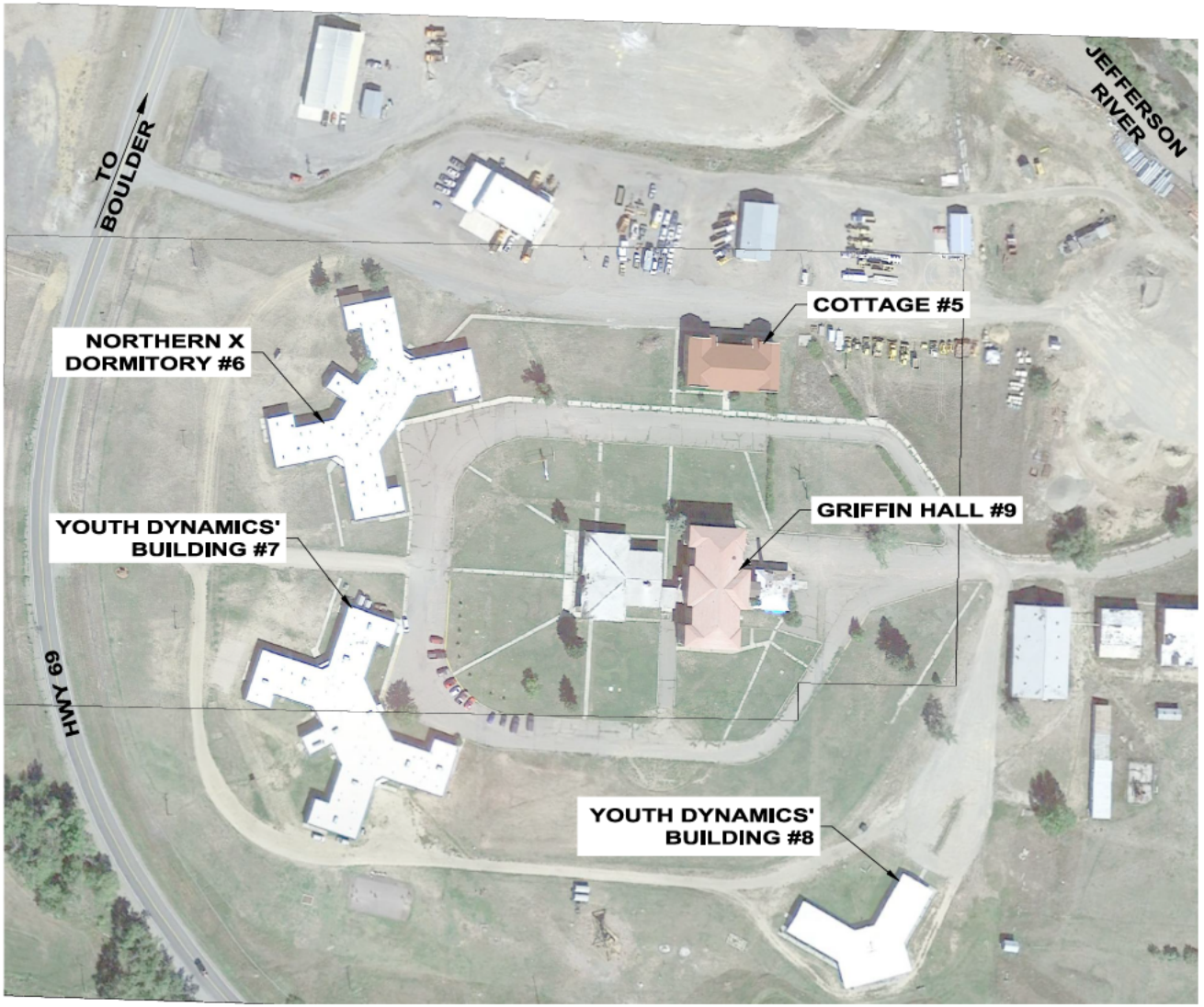


FIGURE #1
EPA BROWN FIELDS PROJECT
VICINITY MAP

GreatWest engineering®

Environmental Assessment Documentation

PHASE II ENVIRONMENTAL SITE ASSESSMENT
FOR
SOUTH CAMPUS MONTANA STATE TRAINING SCHOOL – NORTHERN X DORMITORY #6
VENTURE WAY
BOULDER, JEFFERSON COUNTY, MONTANA

REVISION 1

Prepared for:

U.S. ENVIRONMENTAL PROTECTION AGENCY
1595 Wynkoop Street
Denver, Colorado 80202

Prepared by:

WESTON SOLUTIONS, INC.
1435 Garrison Street, Suite 100
Lakewood, Colorado 80215
303-729-6100 • Fax 303-729-6101

Date Prepared	December 2018
TDD No.	0003/1808-05
Document Control No.	W0628.1A.01852
Contract No.	EP-S8-13-01
U.S. EPA Work Assignment Manager	Stephanie Shen

PHASE II ENVIRONMENTAL SITE ASSESSMENT
FOR
SOUTH CAMPUS MONTANA STATE TRAINING SCHOOL – NORTHERN X DORMITORY #6
VENTURE WAY
BOULDER, JEFFERSON COUNTY, MONTANA

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Lakewood, Colorado 80215
303-729-6100 • Fax 303-729-6101

Prepared by: _____ Date: 12/27/2018
Michael Cherny
START Scientist

Reviewed and Approved by: _____ Date: 12/27/2018
Elliott Petri, P.E.
START Project Manager and
Environmental Professional

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LIST OF ACRONYMS

ACM	asbestos-containing material
AHERA	Asbestos Hazard Emergency Response Act
ASTM	ASTM International
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
COC	contaminant of concern
DEQ	Department of Environmental Quality
EPA	United States Environmental Protection Agency
ESA	Environmental Site Assessment
HA	homogeneous area
HEPA	high-efficiency particulate air
JLDC	Jefferson Local Development Corporation
LBP	lead-based paint
LF	linear feet
mg/cm^2	milligrams per square centimeter
MT	Montana
O&M	Operation and Maintenance
PCB	polychlorinated biphenyl
P.E.	Professional Engineer
PLM	Polarized Light Microscopy
QA	Quality Assurance
QC	Quality Control
RACM	regulated asbestos-containing material
REC	recognized environmental condition
SAP	Sampling and Analysis Plan
sq. ft.	square feet
START	Superfund Technical Assessment and Response Team
SOO	Statement of Objectives
TBA	Targeted Brownfields Assessment
TCLP	Toxicity Characteristic Leaching Procedure
TDD	Technical Direction Document
WESTON	Weston Solutions, Inc.
XRF	X-ray fluorescence

SUMMARY

The United States Environmental Protection Agency (EPA) tasked the Weston Solutions, Inc. (WESTON) Superfund Technical Assessment and Response Team (START) to assist the EPA in conducting a Phase II Environmental Site Assessment (ESA) at Venture Way located in Boulder, Montana (MT) (Site, Figure 1).

SCOPE OF WORK

This Phase II ESA was conducted in accordance with Technical Direction Document (TDD) 0003/1808-05 and ASTM, International (ASTM) E1903-11 – *Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process*. The purpose of a Phase II ESA is to achieve the objectives set forth in the *Statement of Objectives* (SOO) developed by the EPA, user(s), and the Phase II Assessor. Goals for this Phase II ESA were to acquire and evaluate sufficient information to determine the location and concentration of potential environmental contamination at the Site, if present. The specific SOO for this Phase II ESA were as follows:

- Perform a data gap assessment for the on-site building for ACM to supplement previous sampling results.
- Develop sufficient information to render a reasonable professional opinion whether hazardous substances either are or are not present at the Site with respect to the potential concerns assessed. If present, include concentrations of hazardous substances based on field screening and/or laboratory analysis of samples.
- Gather and provide sufficient data to assist the TBA recipient in making informed decisions with regard to the future use of the property.
- Obtain sufficient data to support conceptual remediation cost estimating, if necessary.

SITE BACKGROUND

The Site is located in Boulder, MT in an area currently developed as commercial and industrial. Constructed in 1954, the building was utilized as a dormitory for the State Training School. The property was operated as such until being left vacant for up to 30 years. The building was listed as a contributing property to the Montana State Training School Historic District, on the National Register of Historic Places, in 2014.

Jefferson Local Development Corporation (JLDC) is interested in redeveloping the Site for use as a youth group home or demolishing the building. The Phase I ESA completed by START (WESTON, 2016) identified the possibility of asbestos-containing material (ACM), lead-based paint (LBP) and other environmental hazards being present, due to the age of the building. The Phase II ESA was performed as a result of the findings of the Phase I ESA.

SUMMARY OF RESULTS AND CONCLUSIONS

Phase II assessment fieldwork was conducted on August 2, 2016 with supplementary sampling on October 25, 2018 and October 26, 2018. Results of the Phase II ESA have confirmed the presence of COCs at the Site. The following list is a summary of the results and conclusions regarding COCs and associated media identified by START at the Site:

Asbestos-Containing Material (ACM)

Of the 137 samples submitted for laboratory analysis, a total of 36 samples were determined to be "positive" (>1% asbestos) for asbestos. The following table indicates the locations and estimated extent of ACM identified at the Site. See Sections 5.1 and 6.1 of this report for a more detailed breakdown.

ACM	Estimated Volume / Extent (Approximate)	Location
Door and Window Caulk	1,350 LF	Exterior
Floor Tile	16,700 sq. ft.	Throughout the building
Linoleum	50 sq. ft.	West wing room
Plaster	300 sq. ft.	North-central bathroom
Pipe Insulation	150 LF and 5 fittings	Various rooms, main hallway, and steam tunnel

Notes:
LF = linear feet
sq. ft. = square feet

Based on the results of the ACM survey, asbestos is present in the building. ACM is considered to be a COC in relation to the Site.

Lead-Based Paint (LBP)

Based on the X-ray fluorescence (XRF) results, elevated lead concentrations are present on the walls of the kitchen, bathrooms, and various other rooms. Among these surfaces, select plaster walls tested positive for LBP. The remaining elevated lead readings were on various ceramic tiles in the central kitchen area and the bathroom areas in the wings. These appeared to be attributable to glazing, since no paint is present on the tiles. The following table lists the location, current surface paint color, and estimated extent in sq. ft. of LBP present at the Site. Since there were no positive readings on the exterior, lead-in-soil is not of concern. LBP is considered to be a COC at the Site.

Location	Current Surface Paint Color	Estimated Extent
West Wing		
Wall	Green	200 sq. ft.
	Yellow (tile)	1,100 sq. ft.
South Wing		
Wall	Pink (tile)	1,100 sq. ft.
	White	200 sq. ft.
East Wing		
Wall	Coral (tile)	50 sq. ft.
	Yellow	500 sq. ft.
North Wing		
Wall	Aqua (tile)	1,100 sq. ft.
	Cream	100 sq. ft.
	White	150 sq. ft.
Central-North		
Wall	White	250 sq. ft.
	Green	500 sq. ft.
	Cream (tile)	450 sq. ft.
	Red	5 sq. ft.
Central-South		
Wall	White	1,000 sq. ft.
	Pink (tile)	100 sq. ft.

Polychlorinated biphenyls (PCBs), Mercury, and Mold: A summary of the observations regarding the visual inspections conducted are presented below:

- Of the light ballasts observed, a mixture of PCB and non-PCB ballasts were identified. Additionally, a large PCB transformer was present in the basement of the building. None of the light fixtures observed in the building appeared to be leaking fluids; however, the transformer appeared to be leaking. PCBs are considered COCs in relation to the Site.
- Of the thermostats observed, mercury was not present as a component. Mercury is not considered a COC in relation to the Site.
- Mold was encountered at the Site. Mold is considered a COC in relation to the Site.

SUMMARY OF RECOMMENDATIONS

Based on the results of the Phase II ESA, START recommends the following:

- Based on the ACM identified at the Site and reuse plans, START recommends contracting an accredited asbestos remediation company to assess hazard risk and determine appropriate remedial actions to address ACM at the Site (e.g., abatement, encapsulation, etc.). ACM remediation is recommended prior to any renovation or demolition activities at the Site in order to permanently mitigate exposure risk.
- However, pending final redevelopment/re-use plans for the Site and considering the type and condition of ACM identified, development of an ACM Operations and Maintenance (O&M) Plan to monitor condition of ACM identified at the Site, removal of select ACM (e.g., friable pipe insulation), and/or a combination of these remediation methods could be implemented. START recommends contracting an accredited asbestos remediation company to create and implement an ACM Operations and Maintenance (O&M) Plan to monitor the condition of ACM identified.
- START recommends contracting an accredited lead remediation company to assess hazard risk and determine appropriate remedial actions to address LBP at the Site (e.g., encapsulation, chemical striping, removal, etc.). Based on the results of the LBP survey, it is recommended that LBP present on plaster walls be encapsulated or removed. Lead in the ceramic tile glazing only needs to be addressed during renovation or demolition of the tiles, when potentially creating lead dust. As per the United States Department of Housing and Urban Development (HUD) Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing (2012 edition), ceramic tiles are not considered lead-based paint; their presence does not need to be included in disclosure under the Lead Disclosure Rule (HUD, 2012). Dust control methods should be implemented and a Toxicity Characteristic Leaching Procedure (TCLP) sample is recommended for demolition debris before disposal. It is recommended that an EPA "Lead-Safe Certified" Renovation Firm be utilized when conducted LBP remediation.
- PCB-containing equipment (e.g., light ballasts and transformer) should be properly removed and disposed of during renovation or demolition activities.
- If mercury-containing thermostat switches are encountered during renovation or repair activities, they should be properly removed and disposed of.
- Mold should be remediated by a certified restoration company and the source of the moisture should be sealed.

This summary is intended to be a general description of the scope of work, results, conclusions, and recommendations identified as a result of the Phase II ESA of the Site; however, this section is not intended to be a "stand alone" document or to include the basis of all conclusions presented.

The report should be read and used in its entirety. Information included in this section is subject to the scope of services and limitations noted in the original TDD and in this complete report.

1.0 INTRODUCTION

1.1 SCOPE OF WORK AND PURPOSE

The Weston Solutions, Inc. (WESTON) Superfund Technical Assessment and Response Team (START) conducted a Phase II Environmental Site Assessment (ESA) for the South Campus Montana (MT) State Training School – Northern X Dormitory #6 located at Venture Way Boulder, MT (Site) (Figure 1). The ESA was conducted in accordance with Technical Direction Document (TDD) 0003/1808-05 and *ASTM, International (ASTM) E1903-11 – Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process.* The purpose of a Phase II ESA is to acquire and evaluate information sufficient to achieve the objectives set forth in the Statement of Objectives (SOO) developed by the user(s) and the Phase II Assessor. The scope of a Phase II ESA is related to the activities agreed upon to meet the objectives of the investigation as defined in the SOO which are subject to ongoing evaluation and refinement as the assessment progresses. The SOO developed for this Site is presented in Section 1.2.

This Phase II ESA report contains the results of the data collection activities and associated quality assurance/quality control (QA/QC) measures conducted specific to the Site. Information used to conduct this Phase II ESA was based upon reasonably ascertainable, visually and physically observable conditions, and included testing or sampling of materials. The structure of this report is based on the ASTM E1903-11 standard.

1.2 STATEMENT OF OBJECTIVES

The objectives were developed by the Jefferson Local Development Corporation (user), START (Phase II Assessor) and the United States Environmental Protection Agency (EPA) to obtain sound, scientifically valid data concerning actual property conditions at the Site with respect to the presence or the likely presence of target analytes/substances including, but not limited to, those within the scope of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). The SOO for the Site were determined during the project scoping meetings held on June 1, 2016 and September 20, 2018 and as a result of the Phase I ESA conducted by WESTON on the Site (WESTON, 2016). The Phase II ESA objectives determined for the Site were as follows:

- Perform a data gap assessment for the on-site building for ACM to supplement previous sampling results.
- Develop sufficient information to render a reasonable professional opinion whether hazardous substances either are or are not present at the Site with respect to the potential concerns assessed. If present, include concentrations of hazardous substances based on field screening and/or laboratory analysis of samples.
- Gather and provide sufficient data to assist the TBA recipient in making informed decisions with regard to the future use of the property.
- Obtain sufficient data to support conceptual remediation cost estimating, if necessary.

2.0 SUMMARY OF BACKGROUND INFORMATION

The Site is located in Boulder, MT in an area surrounded by commercial and industrial development. The TBA recipient, JLDC, has an interest in redeveloping the building into youth group homes or demolishing the building. The stakeholders would like to determine the extent and locations of possible contaminants before moving forward with the redevelopment.

2.1 PROPERTY DESCRIPTION, LOCATION, AND HISTORY

The Site is approximately 3.22 acres located at Venture Way Boulder, Montana at 46.228333°N latitude and -112.120958°W longitude. It is an approximately 24,400 sq. ft. single-story building with dorm rooms, classrooms, a kitchen, and office space. Historically the building was used as a dormitory for the MT State Training School, until being abandoned up to 30 years ago.

The Phase I ESA, performed by START, highlighted the possibility of asbestos-containing material (ACM), lead-based paint (LBP), and other environmental hazards being present, due to the age of the building. The Phase II ESA was performed as a result of the conclusions of the Phase I ESA.

2.2 PREVIOUS ENVIRONMENTAL REPORTS AND RECORDS

Previous environmental reports and/or records, if available, were obtained by START from various sources, including local agencies, and reviewed for information relating to the Site. A summary of records obtained is provided below.

Document: Phase I Environmental Site Assessment for South Campus MT Training School – Northern X Dormitory #6 **Prepared for:** EPA and JLDC **Prepared by:** START **Date:** July 2016 **Report Source:** START	**Report Summary:** The report is a recent ESA of the Site and was conducted according to the current ASTM standard. **Information Relating to the Site:** This Phase I ESA concluded that there is potential for ACM, LBP, PCBs, and mercury-containing equipment to be present at the Site due to the age of the building. Based on this conclusion, a Phase II ESA is recommended in order to investigate the building materials. No other recognized environmental conditions (RECs) were identified in relation to the Site.
Document: TBA Application **Prepared for:** EPA **Prepared by:** JLDC **Date:** 2016 **Report Source:** EPA	**Report Summary:** The application gives brief summaries of site background information and environmental conditions at the site. The application also provides contact names(s) and phone numbers for stakeholders, and potential redevelopment plans. **Information Relating to the Site:** This application provided the background and history of the Site. The property is part of the MT State Training School campus and the buildings in question are currently vacant.

3.0 DESCRIPTION OF WORK PERFORMED AND RATIONALE

This section summarizes the work performed and rationale for the work conducted to meet the SOO developed for the investigation as documented in the approved Sampling and Analysis Plan (SAP) for the Site (WESTON, 2018). Deviations from the approved SAP for this Phase II ESA are presented in Section 3.4.

Based upon the SOO developed for the Site, a building inspection was conducted as part of this Phase II ESA. The investigation included visual inspection, field screening, and/or sample collection for laboratory analysis. Details of the individual media investigations along with rationale are presented below. Photographs of field activities are included in the Photograph Log presented in Appendix A. The Phase II fieldwork was conducted on August 2, 2016 with supplementary sampling on October 25, 2018 and October 26, 2018.

The October 2018 sampling event included reviewing the site for changes in condition (abatement activities, demolition, or renovations) since the previous inspection in August 2016. No changes were observed and the existing data from 2016 still represents current site conditions.

3.1 ASBESTOS-CONTAINING MATERIAL

This Phase II ESA involved an ACM survey, including the collection of bulk asbestos samples in order to establish the extent and presence of ACM. The survey was conducted by Montana Accredited Asbestos Building Inspectors: Mr. Joe Rudi, Mr. Michael Cherny, and Mr. Brent Merritt. Visual inspections were conducted on areas of the structures where an individual performing demolition or renovation operations may encounter regulated asbestos-containing material (RACM). Sample locations and the total number of samples were based on Asbestos Hazard Emergency Response Act (AHERA) standards (EPA, 2017), the Administrative Rules of Montana (MT DEQ, 2011), and/or the best professional judgment of the inspector. Each potential RACM location was touched to determine if it was friable. Bulk samples were collected of all suspect friable and non-friable RACM and submitted to an asbestos-certified laboratory for analysis.

3.2 LEAD-BASED PAINT

Due to the age of the building at the Site, this Phase II ESA involved a LBP survey by EPA Certified LBP Inspector: Mr. Michael Cherny. The LBP survey was conducted using an XRF instrument on painted surfaces to determine if materials were positive for lead (≥1 milligram per square centimeter [mg/cm^2]). Visual inspections were conducted on areas of the building and XRF readings were collected based upon the best professional judgment of the inspector.

3.3 VISUAL INSPECTIONS

Due to the age of the building, visual inspections were conducted for PCB ballasts, mercury thermostats, and mold. The visual inspection included presence/non-presence determination of the

hazards. Quantity and location information was documented where possible, but no samples were collected.

3.4 DEVIATIONS FROM THE SAMPLING AND ANALYSIS PLAN

Due to the ongoing evaluation and refinement of the SOO, changes can occur to the approved SAP based upon site conditions encountered. Upon exploration of the steam tunnels, sample 6E-PI02-073 was taken as part of the building 6 property, when in fact the manhole vault was on the parcel of building 5 (Figure 5). Although this is the case, the entrance is from building 6 with no access from building 5; therefore, the sample nomenclature is acceptable. No other deviations from the approved SAP were identified during this Phase II ESA.

4.0 DESCRIPTION OF METHODS USED

4.1 ASBESTOS-CONTAINING MATERIAL

Asbestos Bulk Sampling

Personnel performing the sampling wore personal protective equipment appropriate to the hazard(s) presented and included gloves, Tyvek, booties, hard hats, and/or high-efficiency particulate air respiratory protection. Asbestos bulk samples were randomly collected using the grid system described in the EPA publication "Asbestos in Buildings – Simplified Sampling Scheme for Friable Surfacing Materials" (EPA, 1985). Where appropriate, samples were collected from areas of the building material already damaged or disturbed. The following general sampling guidelines were followed during the inspection, as applicable:

- In areas where homogeneous suspected RACM (surfacing) was less than 1,000 sq. ft., three randomly collected bulk samples were collected from each area;
- In areas where homogeneous suspected RACM (surfacing) was at least 1,000 sq. ft. but less than 5,000 sq. ft., five randomly collected bulk samples were collected from each area;
- In areas where homogeneous suspect RACM (surfacing) was at least 5,000 sq. ft., seven randomly selected bulk samples were collected from each area;
- At least three samples were collected from thermal systems insulations;
- Three random bulk samples will be collected from all mechanical system insulation and fittings, such as tees, elbows, and valves, that are not assumed to be ACM;
- Three random bulk samples will be collected from each type of miscellaneous material that is not assumed to be ACM; and
- Three random bulk samples will be collected from any type of non-friable suspected ACM that is not assumed to be ACM.

Quality Assurance (QA)/Quality Control (QC)

No QA/QC activities or sample types were required based upon the assessment techniques and sample collection methods.

Laboratory Analytical Methods

Samples collected were sent to Reservoirs Environmental Inc. in Denver, Colorado for polarized light microscopy (PLM) analysis by EPA Method 600/R-93/116 to determine a visual estimation of asbestos content and, if applicable, EPA Method 600/R-93/116 (400 Point Count).

4.2 LEAD-BASED PAINT

XRF Readings

In-situ XRF readings were collected using an Innov-X Alpha Series™ handheld XRF instrument to analyze painted and coated surfaces (interior and exterior) for lead during this Phase II ESA. XRF readings were collected from walls, windows, and other painted surfaces in each room equivalent were collected. Room equivalents include painted or coated surfaces that are not considered to be separate rooms such as hallways and closets. A representative number of readings were collected from a subset of rooms considered by the certified LBP inspector to be of like coated surfaces.

In general, locations where the paint appeared to be thickest were selected for XRF analysis. Locations where paint was worn away or scraped off were avoided. Areas over pipes, electrical surfaces, nails, and other possible interferences were also avoided. The XRF probe faceplate was allowed to lie flat against the surface of the test location to obtain a quality reading.

QA/QC

The following QA/QC activities were conducted as part of this investigation:

- XRF Standardization Readings – XRF standardization readings were collected prior to use, every four hours during use (as applicable), and following use to verify accuracy.

No other QA/QC activities or sample types were required based upon the assessment techniques and sample collection methods. Based on the results of the standardization readings, all results reported are considered acceptable. Results of the QA/QC activities are presented in Table 3.

Laboratory Analytical Methods

Due to no inconclusive readings reported by the XRF instrument, no paint chip samples were collected for laboratory analysis.

4.3 PCBS, MERCURY, AND MOLD

Visual Inspections

Visual inspections were conducted for presence/non-presence of mercury thermostats, PCB ballasts, and mold. Suspect hazards encountered, if any, were documented in field notes and/or photographed.

5.0 PRESENTATION OF INFORMATION AND DATA ACQUIRED

5.1 ASBESTOS-CONTAINING MATERIAL

A total of 137 bulk samples were collected from the Site and submitted for PLM analysis. ACM sample results are shown in Tables 1 and 2. Locations with positive results (> 1% asbestos) are displayed on Figure 3. Of the samples collected, the following number of samples was collected of each bulk material.

Bulk Material	Number of Samples Collected
Baseboard	3
Brick and Mortar	6
Building Foundation	3
Ceiling Tile	18
Chalk Board	3
Countertop Linoleum	3
Door Caulk	3
Door Insulation	3
Drywall	3
Floor Coating	3
Floor Tile and Mastic	31
Linoleum	1
Pipe Insulation	12
Plaster	24
Wall Linoleum	3
Wall Tile	12
Window Caulk	3
Window Glazing	3

In addition, the following assumptions and items of note were observed during the ACM survey:

- When appropriate, samples were collected from areas of the building material already damaged or disturbed.
- The building is a brick construction with different brick used within the walls than on the exterior.

- Drywall samples included only a sheetrock component. The walls were predominately plaster, but renovated or repaired sections had some drywall present.
- Homogenous areas (HA) for plaster walls were determined by wing of the building. A different HA was observed in a central section bathroom.
- Caulking was present around the windows and doors. A glazing was observed on the windows.
- Ceiling tiles with glue dots on unfinished drywall substrate were observed in the main hallway of the central section of the building. Remaining ceiling tiles present were stapled to ceiling beams or suspended.
- Vinyl cove base or a wooden baseboard were present in all rooms except the areas with a cementitious floor coating.
- Vertical pipe runs were observed in various parts of the building, some of which were fiberglass and others were of a corrugated material. Cementitious pipe fittings were also present on many of the vertical runs. A four-inch horizontal pipe run was observed above the ceiling tiles in the main hallway with a "J-M" stamp. This horizontal run is thought to be a Johns-Manville Asbestocel proprietary product. Additionally, no sink coatings were encountered.
- The basement of the building featured fiberglass insulation on piping and a boiler without a jacket.
- An entrance to a steam tunnel was present in the basement of the building. The tunnel was investigated toward the northeast, at which point it veered east into a vault below a manhole access. Cementitious pipe fittings were observed in this room and no further access was available to investigate eastward. Generally, the steam tunnel is underneath the sidewalk to the northeast of the Site. See Figure 5 for a diagram of the tunnels and location of samples taken.
- Miscellaneous materials sampled included a floor coating, door insulation, and a chalk board.

5.2 LEAD-BASED PAINT

A total of 332 XRF readings were taken from the building. The XRF readings are listed in Table 3. The following number of readings were collected from each area:

Location	Readings Count
Exterior	13
West Wing	46
East Wing	41
North Wing	40
South Wing	33
Central-North	68
Central-South	79
Hallways	12

5.3 PCBS, MERCURY, AND MOLD

The following observations were made during the visual inspections:

- Light fixtures in the building primarily used fluorescent bulbs. None of the light fixtures observed in the building appeared to be leaking fluids. Presence of PCB ballasts was confirmed during the inspection. Additionally, a large PCB transformer was observed in the basement of the building. Although the transformer appeared to be leaking dielectric fluid, it was locked in a cage and labeled as containing PCBs.
- No mercury-containing thermostats were observed.
- Mold was encountered at the Site. The north wing of the building had significant water damage present from rooftop sources which promoted the growth of algae and vegetation. Floor tiles in other sections of the building were buckling due to water damage.

6.0 EVALUATION AND INTERPRETATION OF INFORMATION, DATA, AND RESULTS

The evaluation and interpretation of the information, data, and results for the Phase II ESA are presented below. This section summarizes the field screening data and laboratory results obtained to identify the location and extent of contamination. Benchmarks used for comparison are listed below:

ACM

- **Asbestos-Containing Materials in Schools Rule (40 Code of Federal Regulations Part 763, Subpart E).** ACM is defined as any material containing more than one percent (1%) asbestos.
- **Administrative Rules of Montana (ARM) Asbestos Control (Title 17 Environmental Quality, Chapter 74 Noise, Asbestos Control, Methamphetamine Cleanup, Subchapter 3, Rule 354) (ARM, 2011).**

LBP

- **U.S. Department of Housing and Urban Development (HUD) Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing (2012 Edition).** The HUD benchmark for lead-based paint is greater than or equal to 1.0 mg/cm^2.

The locations of samples and extent of hazardous building materials exceeding benchmarks are depicted on Figures 3 through 5. Field readings and laboratory results for the samples collected are summarized in Tables 1 - 3. Photographs of the field activities conducted are presented in Appendix A. Copies of the laboratory reports are presented in Appendix B. Copies of the field sample location maps are presented in Appendix C.

6.1 ASBESTOS-CONTAINING MATERIAL

Of the 137 samples submitted for laboratory analysis, 36 samples were reported as "positive" (>1% asbestos) for asbestos. Asbestos results ranged from trace (>1% asbestos) to 80% total asbestos. Of the 32 samples, five samples were reanalyzed by point count analysis. Of these five samples re-analyzed, none were point counted below one; therefore, all are considered to be ACM. In all, 36 confirmed ACM samples were collected at the Site. The following table indicates the type, condition, and number of samples identified as ACM.

Identified ACM	Condition	Number of ACM Samples
Door and Window Caulk	Non-friable	4
Floor Tile	Non-friable	27
Linoleum	Friable	1
Plaster	Friable	1
Pipe Insulation	Friable	3

ACM sample collection locations and approximate extent of ACM are presented in Figure 3. The confirmed ACM sample(s), the asbestos containing layer(s), and the estimated volume of ACM is presented in Table 1. A list of the samples collected that were reported as non-detect for asbestos is presented in Table 2.

Interpretation of Results

A residual gray caulking present behind the newer rubberized caulking around the windows and doors of the building is ACM. Many variations of vinyl floor tile and a black mastic were confirmed to be ACM throughout all wings of the building. Additionally, some linoleum patchwork present in a west wing classroom was confirmed to be ACM. Smooth plaster on the ceiling and walls of a bathroom located in the north-central portion of the building was confirmed as ACM. Vertical pipe runs with corrugated material were identified as ACM throughout various closets of the building. A horizontal Johns-Manville pipe run above the main hallway was confirmed as ACM. Lastly, residual pipe fittings in the steam tunnel were confirmed as ACM.

Based on the laboratory results reported for the 36 confirmed ACM samples, asbestos is present at the Site. ACM is considered to be a contaminant of concern (COC) in relation to the Site. The following table indicates the location and estimated extent of ACM identified at the Site.

ACM	Estimated Volume / Extent (Approximate)	Location
Door and Window Caulk	1,350 LF	Exterior
Floor Tile	16,700 sq. ft.	Throughout the building
Linoleum	50 sq. ft.	West wing room
Plaster	300 sq. ft.	North-central bathroom
Pipe Insulation	150 LF and 5 fittings	Various rooms, main hallway, and steam tunnel

Notes:
LF = linear feet
sq. ft. = square feet

6.2 LEAD-BASED PAINT

Of the 332 XRF readings taken from the building, a total of 39 readings were positive for LBP contamination (≥1 mg/cm^2). The following table indicates the location, current surface paint color, and percent lead for LBP identified at the Site.

Location (# of Positive Readings)	Current Surface Paint Color	Area Concentration of LBP (± Error)
West Wing		
Wall (5)	Green	1 mg/cm^2 (± 0.05)
	Yellow	1 mg/cm^2 (± 0.03)
South Wing		
Wall (3)	Pink	1 mg/cm^2 (± 0.04)
	White	1 mg/cm^2 (± 0.03)
East Wing		
Wall (3)	Coral	1 mg/cm^2 (± 0.08)
	Yellow	1 mg/cm^2 (± 0.05)
North Wing		
Wall (8)	Aqua	1 mg/cm^2 (± 0.05) to 5 mg/cm^2 (± 0.77)
	Cream	1 mg/cm^2 (± 0.05)
	White	1 mg/cm^2 (± 0.04)
Central-North		
Wall (11)	White	1 mg/cm^2 (± 0.04)
	Green	1 mg/cm^2 (± 0.05)
	Cream	2.3 mg/cm^2 (± 0.25) to 2.46 mg/cm^2 (± 0.29)
	Red	1 mg/cm^2 (± 0.05)
Central-South		
Wall (9)	White	1 mg/cm^2 (± 0.13)
	Pink	1 mg/cm^2 (± 0.01)

A complete list of LBP readings is presented in Table 3. The location and approximate extent of LBP identified is presented in Figure 4.

Interpretation of Results

Based on the XRF results, elevated lead concentrations are present on the walls of the kitchen, bathrooms, and various other rooms. Among these surfaces, select plaster walls tested positive for LBP. The remaining elevated lead readings were on various ceramic tiles in the central kitchen area and the bathroom areas in the wings. These appeared to be attributable to glazing, since no paint is present on the tiles. The following table lists the location, current surface paint color, and estimated extent in sq. ft. of LBP present at the Site. Since there were no positive readings on the exterior, lead-in-soil is not of concern. LBP is considered to be a COC at the Site.

Location	Current Surface Paint Color	Estimated Extent
West Wing		
Wall	Green	200 sq. ft.
	Yellow (tile)	1,100 sq. ft.
South Wing		
Wall	Pink (tile)	1,100 sq. ft.
	White	200 sq. ft.
East Wing		
Wall	Coral (tile)	50 sq. ft.
	Yellow	500 sq. ft.
North Wing		
Wall	Aqua (tile)	1,100 sq. ft.
	Cream	100 sq. ft.
	White	150 sq. ft.
Central-North		
Wall	White	250 sq. ft.
	Green	500 sq. ft.
	Cream (tile)	450 sq. ft.
	Red	5 sq. ft.
Central-South		
Wall	White	1,000 sq. ft.
	Pink (tile)	100 sq. ft.

6.3 PCBS, MERCURY, AND MOLD

The following additional items were noted:

- Of the light ballasts observed, a mixture of PCB and non-PCB ballasts were identified. Ballasts without a "No PCBs" label were assumed to contain PCBs. Additionally, a large PCB transformer was present in the basement of the building. None of the light fixtures observed in the building appeared to be leaking fluids; however, the transformer appears to be leaking.
- Of the thermostats observed, mercury was not present as a component.
- Mold was encountered at the Site.

Interpretation of Results

- Based on the visual inspection, PCBs are considered a COC at the Site.
- Based on the visual inspection, mercury is not considered a COC at the Site.
- Based on the visual inspection, mold is considered a COC at the Site.

6.4 CONCEPTUAL SITE MODEL

Per ASTM E1903-11 (Section 6.4.6), validation of the conceptual site model is conducted by evaluating testing results and other investigation findings to determine whether available information is sufficient to support sound conclusions regarding the presence of the target analytes. The presence of the target analytes investigated as part of this Phase II ESA along with the current exposure pathways, as applicable, for the Site is presented in the following table.

Target Analytes	Media	Contaminants Present Above Screening Benchmarks	Exposure Pathway	Exposure Route	Human Receptors	
					Residential	Workers
ACM	Building Materials	Yes	Potentially Complete	Dermal	--	X
				Ingestion	--	X
				Inhalation	--	X
LBP	Building Materials	Yes	Potentially Complete	Dermal	--	X
				Ingestion	--	X
				Inhalation	--	X
Mercury, PCBs, and Mold	Building Materials	Yes (PCBs and Mold)	Potentially Complete	Dermal	--	X
				Ingestion	--	X
				Inhalation	--	X
Comments: Evaluation of exposure pathway completeness is based upon the current site use as vacant and assumes that no people are currently accessing the Site or will be accessing the Site other than workers during future redevelopment. Once future site-specific activities are determined or if a change in current use occurs, exposure pathways should be re-assessed as they may alter the pathway completeness presented in this report and require further evaluation prior to conducting any activities or change in use at the Site.						

Note:
-- = Receptor not at risk (Currently)
X = Receptor at risk to exposure (Currently or Potentially)

6.5 DISCLOSURE OF AVAILABLE DATA INSUFFICIENT TO MEET OBJECTIVES

Per ASTM E1903-11 (Section 1.3.2), all Phase II ESA reports must disclose any respect in which available data are insufficient to meet the objectives of the assessment. Listed below are the disclosures in which the available data set for this investigation were insufficient to meet the objectives of this Phase II ESA, if any.

- Based upon the objectives for this Phase II ESA, all objectives of this assessment were met based upon the available data. In no respect was the available data insufficient to meet the objectives.

7.0 CONCLUSIONS OF THE PHASE II ESA

START performed a Phase II ESA in conformance with the scope and limitations of ASTM Practice E1903-11 for the South Campus MT State Training School – Northern X Dormitory #6 located at Venture Way in Boulder, Montana. The following list is a summary of the conclusions regarding COCs and associated media identified by START at the Site:

Asbestos-Containing Material

- Based on the results of the ACM survey, asbestos is present in the building. ACM is considered to be a COC in relation to the Site.

Lead-Based Paint

- Based on the results of the LBP screening, LBP is present in the building. LBP is considered to be a COC in relation to the Site.

PCBs, Mercury, and Mold

A summary of the observations regarding the visual inspections conducted are presented below:

- Of the light ballasts observed, a mixture of PCB and non-PCB ballasts were identified. Additionally, a large PCB transformer was present in the basement of the building. None of the light fixtures observed in the building appeared to be leaking fluids; however, the transformer appears to be leaking. PCBs are considered COCs in relation to the Site.
- Mercury-containing equipment was not observed at the Site. Mercury is not considered a COC in relation to the Site.
- Mold was encountered at the Site. Mold is considered a COC in relation to the Site.

RECOMMENDATIONS

Based on the results of the environmental assessment, START recommends the following:

- Based on the ACM identified at the Site and reuse plans, START recommends contracting an accredited asbestos remediation company to assess hazard risk and determine appropriate remedial actions to address ACM at the Site (e.g., abatement, encapsulation, etc.). ACM remediation is recommended prior to any renovation or demolition activities at the Site in order to permanently mitigate exposure risk.
- However, pending final redevelopment/re-use plans for the Site and considering the type and condition of ACM identified, development of an ACM Operations and Maintenance (O&M) Plan to monitor condition of ACM identified at the Site, removal of select ACM (e.g., friable pipe insulation), and/or a combination of these remediation methods could be implemented. START recommends contracting an accredited asbestos remediation

company to create and implement an ACM Operations and Maintenance (O&M) Plan to monitor the condition of ACM identified.

- START recommends contracting an accredited lead remediation company to assess hazard risk and determine appropriate remedial actions to address LBP at the Site (e.g., encapsulation, chemical striping, removal, etc.). Based on the results of the LBP survey, it is recommended that LBP present on plaster walls be encapsulated or removed. Lead in the ceramic tile glazing only needs to be addressed during renovation or demolition of the tiles, when potentially creating lead dust. As per the United States Department of Housing and Urban Development (HUD) Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing (2012 edition), ceramic tiles are not considered lead-based paint; their presence does not need to be included in disclosure under the Lead Disclosure Rule (HUD, 2012). Dust control methods should be implemented and a Toxicity Characteristic Leaching Procedure (TCLP) sample is recommended for any demolition debris. It is recommended that an EPA "Lead-Safe Certified" Renovation Firm be utilized when conducted LBP remediation.
- PCB-containing equipment (e.g., light ballasts and transformer) should be properly removed and disposed of during renovation or demolition activities.
- If mercury-containing thermostat switches are encountered during renovation or repair activities, they should be properly removed and disposed of.
- Mold should be remediated by a certified restoration company and the source of the moisture should be sealed.

8.0 SIGNATURE OF PHASE II ASSESSOR AND SEAL

This Phase II ESA was completed by the following START personnel and subcontractor(s), if applicable. Qualifications are provided at the end of the report:

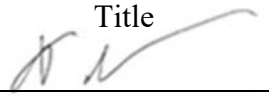
- Mr. Elliott Petri, P.E. – Project Manager, Engineer, Environmental Professional, MT and AHERA Certified Asbestos Building Inspector, and EPA Lead-Based Paint Inspector; and
- Mr. Michael Cherny, Scientist – MT and EPA AHERA Asbestos Inspector and EPA Lead-Based Paint Inspector; and
- Mr. Joe Rudi, Scientist – MT and EPA AHERA Asbestos Inspector
- Mr. Brent Merritt, Scientist – MT and EPA AHERA Asbestos Inspector

Mr. Elliott Petri, P.E. has undertaken the role of Phase II Assessor for this assessment. The following is the certification statement as defined in ASTM Practice E1903-11 (Section 9.2.1):

> *We have performed a Phase II environmental site assessment at the South Campus MT State Training School – Northern X Dormitory #6 located at Venture Way Boulder, MT in conformance with the scope and limitations of ASTM Practice E1903-11 and for the following objectives:*
>
> - *Perform a data gap assessment for the on-site building for ACM to supplement previous sampling results.*
> - *Develop sufficient information to render a reasonable professional opinion whether hazardous substances either are or are not present at the Site with respect to the potential concerns assessed. If present, include concentrations of hazardous substances based on field screening and/or laboratory analysis of samples.*
> - *Gather and provide sufficient data to assist the TBA recipient in making informed decisions with regard to the future use of the property.*
> - *Obtain sufficient data to support conceptual remediation cost estimating, if necessary.*

Elliott Petri, P.E.
Certifying Environmental Professional (Print)

Project Manager
Title



Signature

12/27/2018
Date

9.0 SPECIFICATIONS FOR ASTM E1903-11 REPORT USE AND RELIANCE

9.1 SPECIAL TERMS AND CONDITIONS

This document has been prepared by the WESTON START IV team as tasked by the EPA solely for the use and benefit of the EPA and the JLDC. Any use of this document or information herein by persons or entities other than the EPA or JLDC, without the express written consent of START, will be at the sole risk and liability of said person or entity. START will not be liable to the EPA, JLDC, or such persons or entities, for any damages resulting therefrom. It is understood that this document may not include all information pertaining to the described site.

9.2 LIMITATIONS AND EXCEPTIONS OF ASSESSMENT

ASTM E1903-11 (Section 4.2.1) acknowledges that "No Phase II ESA can eliminate all uncertainty. Furthermore, any sample, either surface or subsurface, taken for chemical testing may or may not be representative of a larger population. Professional judgment and interpretation are inherent in the process, and even when exercised in accordance with objective scientific principles, uncertainty is inevitable. Additional assessment beyond that which was reasonably undertaken may reduce the uncertainty". ASTM E1903-11 (Section 4.2.1.2) acknowledges that "The effectiveness of a Phase II ESA may be compromised by limitations or defects in the information used to define the objectives and scope of the investigation, including inability to obtain information concerning historic site uses or prior site assessment activities despite the efforts of the user and Phase II Assessor to obtain such information in accordance with 5.1.3". Furthermore, the ASTM E1903-11 (Section 4.2.2) states "Phase II ESAs do not generally require an exhaustive assessment of environmental conditions on a property. There is a point at which the cost of information obtained, and the time required to obtain it outweigh the benefit of the information and, in the context of private transactions and contractual responsibilities, may become a material detriment to the orderly conduct of business. If the presence of target analytes is confirmed on a property, the extent of further assessment is a function of the degree of confidence required and the degree of uncertainty acceptable in relation to the objectives of the assessment".

9.3 DISCLAIMERS

START has performed this Phase II ESA in general conformance with the scope and limitations of ASTM E1903-11 standards and TDD 0003/1808-05. The Phase II ESA findings and conclusions presented herein are professional opinions based solely on data collected during the assessment and/or interpretation of information and past data provided for review. The information and data collected from the Site by START is based on the conditions existing on the date(s) of START's assessment activities at the property. START does not warrant or guarantee information obtained from third parties used for this assessment are correct, complete, and/or current.

Though START did collect samples and/or perform testing during this assessment, it is possible that past contamination remains undiscovered or that property conditions will change in the future. START does not warrant or guarantee the property suitable for any particular purpose or certify the property as "clean."

ASTM E1903-11 (Section 1.5) states "This practice is not intended to supersede applicable requirements imposed by regulatory authorities. This practice does not attempt to define a legal standard of care either for the performance of professional services with respect to matters within its scope, or for the performance of any individual *Phase II Environmental Site Assessment"*.

Information, limitations, and disclaimers provided in this general section apply to all of the sections included in this report.

10.0 REFERENCES

Administrative Rules of Montana (ARM), 2017. Title 17 Environmental Quality, Chapter 74 Noise, Asbestos Control, Methamphetamine Cleanup, Subchapter 3, Rule 354. December 31, 2011.

Citation	Reference Type	Assessment Factor				
		Soundness	Applicability and Utility	Clarity and Completeness	Uncertainty and Variability	Evaluation and Review
ARM, 2011	Guidance	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable

ASTM, International (ASTM), 2011. E1903-11, *Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process*. West Conshohocken, Pennsylvania.

Citation	Reference Type	Assessment Factor				
		Soundness	Applicability and Utility	Clarity and Completeness	Uncertainty and Variability	Evaluation and Review
ASTM, 2011	Guidance	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable

EPA, 2018. *Technical Direction Document (TDD)* 0003/1808-05.

Citation	Reference Type	Assessment Factor				
		Soundness	Applicability and Utility	Clarity and Completeness	Uncertainty and Variability	Evaluation and Review
EPA, 2018	Guidance	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable

EPA, 2017. AHERA and Asbestos-Containing Materials in Schools Rule. 40 Code of Federal Regulations Part 763, Subpart E. July 1, 2017. Available at: https://www.gpo.gov/fdsys/browse/collectionCfr.action?collectionCode=CFR&searchPath=Title+40%2FChapter+I%2FSubchapter+R%2FPart+763%2FSubpart+E&oldPath=Title+40%2FChapter+I%2FSubchapter+R%2FPart+763&isCollapsed=true&selectedYearFrom=2017&ycord=1845

Citation	Reference Type	Assessment Factor				
		Soundness	Applicability and Utility	Clarity and Completeness	Uncertainty and Variability	Evaluation and Review
EPA, 2017	Document	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable

EPA, October 1985. EPA's "Pink Book", *Asbestos in Buildings: Simplified Sampling Scheme for Friable Surfacing Materials.* (EPA 560/5-85-030a).

Citation	Reference Type	Assessment Factor				
		Soundness	Applicability and Utility	Clarity and Completeness	Uncertainty and Variability	Evaluation and Review
EPA, 1985	Document	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable

MT DEQ, 2011. *Administrative Rules of Montana Chapter 74 Subchapter 3 Asbestos Control.* December 31, 2011.

Citation	Reference Type	Assessment Factor				
		Soundness	Applicability and Utility	Clarity and Completeness	Uncertainty and Variability	Evaluation and Review
MT DEQ, 2011	Document	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable

WESTON, 2016. *Phase I Environmental Site Assessment for South Campus MT Training School – Northern X Dormitory #6 Venture Way Boulder, Jefferson County, Montana.* July 2016.

Citation	Reference Type	Assessment Factor				
		Soundness	Applicability and Utility	Clarity and Completeness	Uncertainty and Variability	Evaluation and Review
WESTON, 2016	Document	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable

WESTON, 2018. *Sampling and Analysis Plan for South Campus Montana State Training School, Boulder, Jefferson County, Montana Targeted Brownfields Assessment.* October 2018.

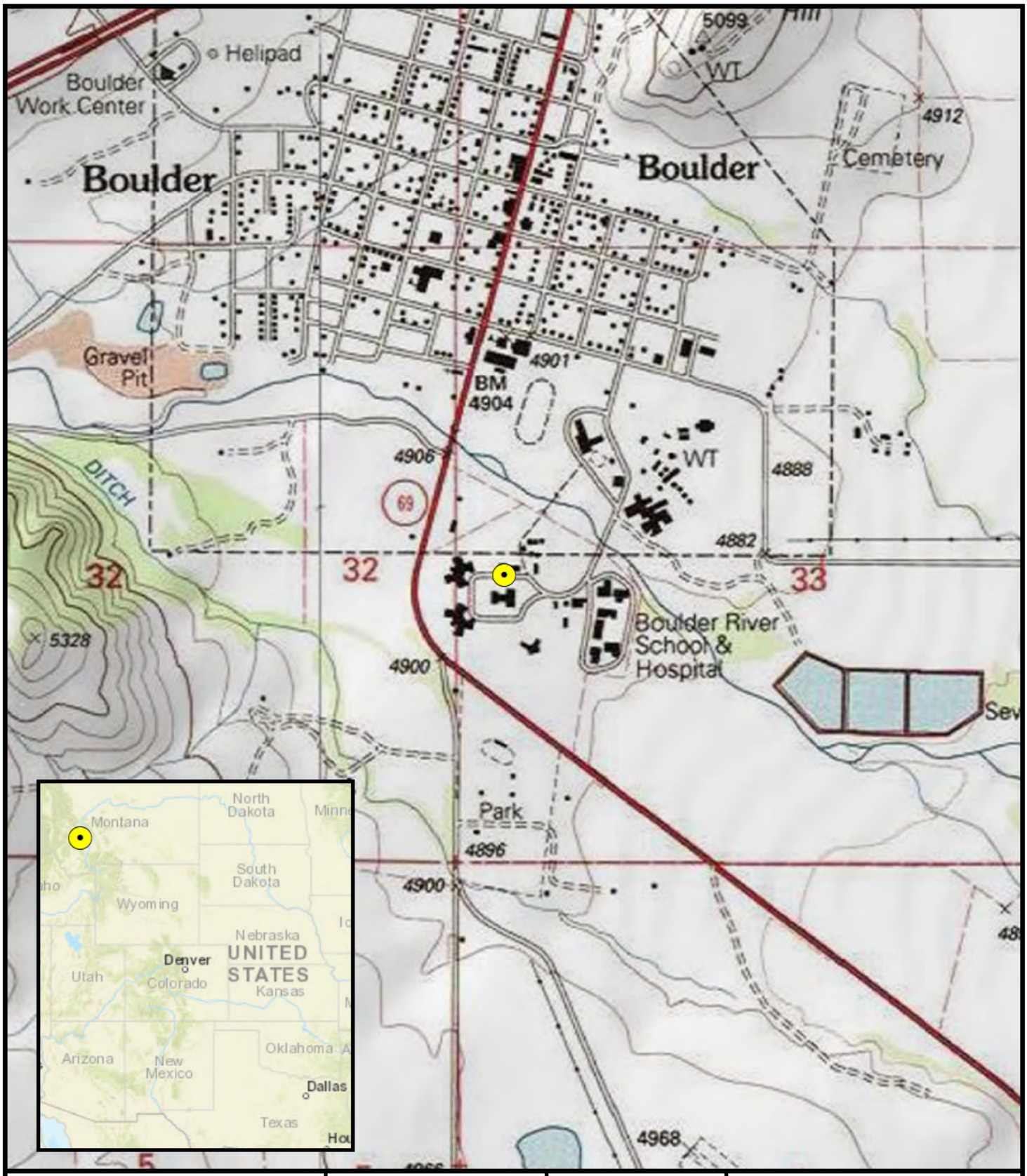
Citation	Reference Type	Assessment Factor				
		Soundness	Applicability and Utility	Clarity and Completeness	Uncertainty and Variability	Evaluation and Review
WESTON, 2018	Document	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable

11.0 QUALIFICATIONS

START utilized qualified, professional staff, trained in performing the scope of work required for this Phase II ESA. The START team personnel included a project manager and technical specialist(s). Their roles are described in more detail as follows:

- Project Manager, Engineer, and Environmental Professional – Mr. Elliott Petri, P.E. has a M.S. in Environmental Science and Engineering with 8+ years of experience in the field of environmental sciences including site management, Phase I/II ESAs, site investigations, assessments and remediation; Mr. Petri has managed/conducted quality control on projects from $20,000 to 4 million dollars for the United States Air Force and the EPA.
- Scientist – Mr. Michael Cherny has 2+ years of project experience collecting soil, groundwater, surface water, and air samples, and conducting air monitoring. His experience includes conducting site assessments, removals, technical report documentation, and field instrument proficiency. Mr. Cherny is a certified asbestos and LBP inspector in Colorado, Montana, and EPA Region 8 administered states.
- Scientist – Mr. Joe. Rudi, has a B.A. in Outdoor Studies with 8+ years of experience in the field of environmental sciences including environmental lab work, Phase I/II ESAs, MMRP investigations, Phase I site investigations, removal actions and environmental remediation; Mr. Rudi has managed/conducted quality control on projects from $10,000 to $800,000 dollars for the United States Air Force, United States Army Corp of Engineers, and the EPA. Mr. Rudi is a certified asbestos inspector in MT.
- Scientist – Mr. Brent Merritt, B.S. Forestry with 8+ years of project experience including conducting site assessments, removals, technical report documentation, and field instrument proficiency. Mr. Merritt is a certified asbestos inspector in MT.

FIGURES



Legend

Site Location

0 600 1,200 2,400 Feet

N

Prepared for:
U.S. EPA Region 8

Contract No.:
EP-S8-13-01

TDD:
1808-05

TO:
0003

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START IV

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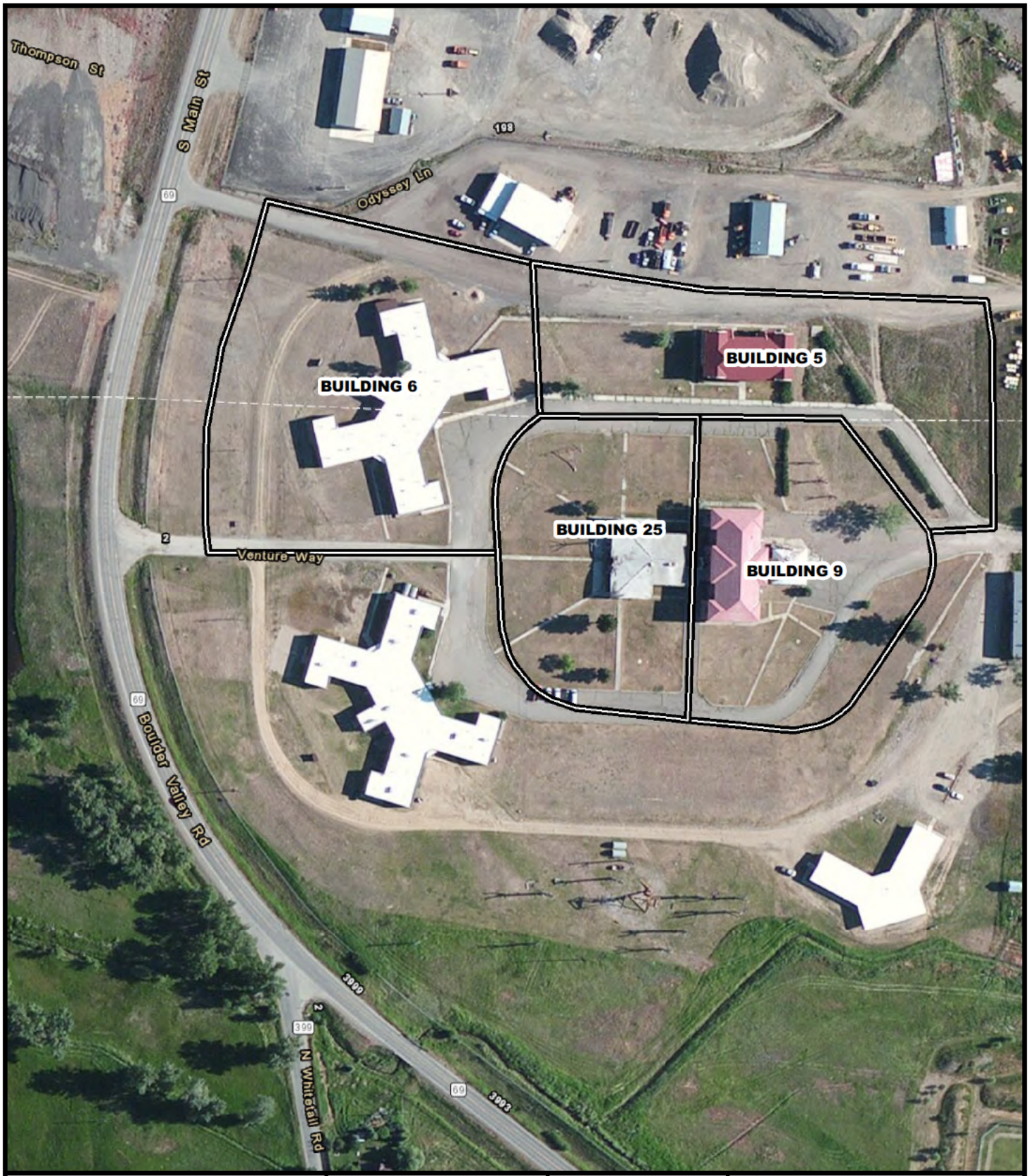
1435 Garrison Street
Lakewood, CO 80215

FIGURE 1
SITE LOCATION MAP
SOUTH CAMPUS
MONTANA STATE TRAINING SCHOOL
BOULDER, MONTANA

Date: 6/16/2016



Legend

Property Parcels

0 90 180 360 Feet

N

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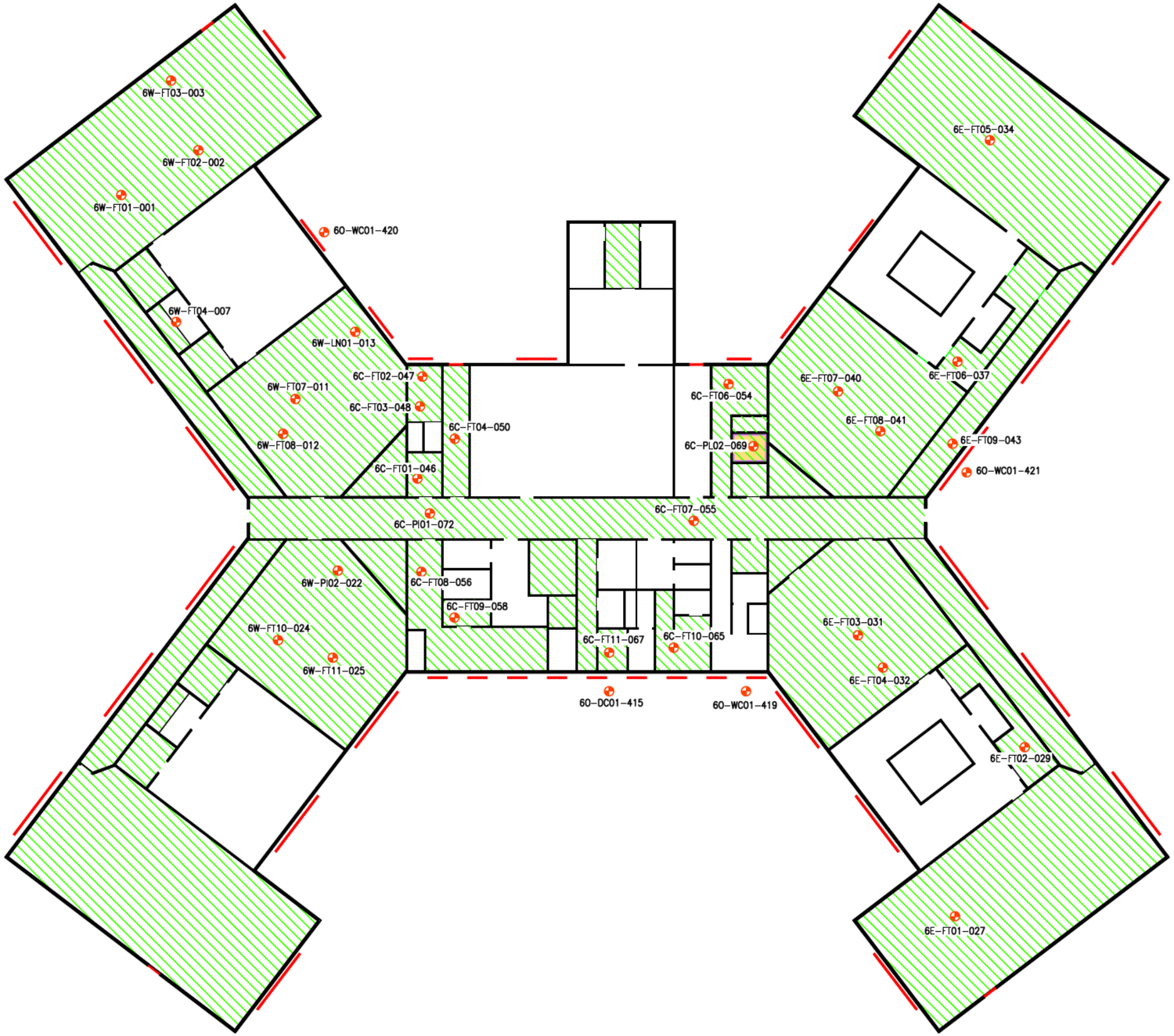
FIGURE 2
SITE FEATURES MAP
SOUTH CAMPUS
MONTANA STATE
TRAINING SCHOOL
BOULDER, MONTANA

Date: 6/16/2016



LEGEND:

- ACM — ASBESTOS CONTAINING MATERIAL
- ACM SAMPLE LOCATION (APPROXIMATE)
- ACM FLOORING EXTENT
- ACM CEILING EXTENT
- ACM PLASTER WALL EXTENT
- ACM WINDOW AND DOOR CAULK EXTENT

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TDD: 1808-05
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ACM SAMPLE LOCATION AND EXTENT
SOUTH CAMPUS MT STATE TRAINING SCHOOL
BUILDING 6
ASBESTOS SURVEY

DATE: 12/13/18

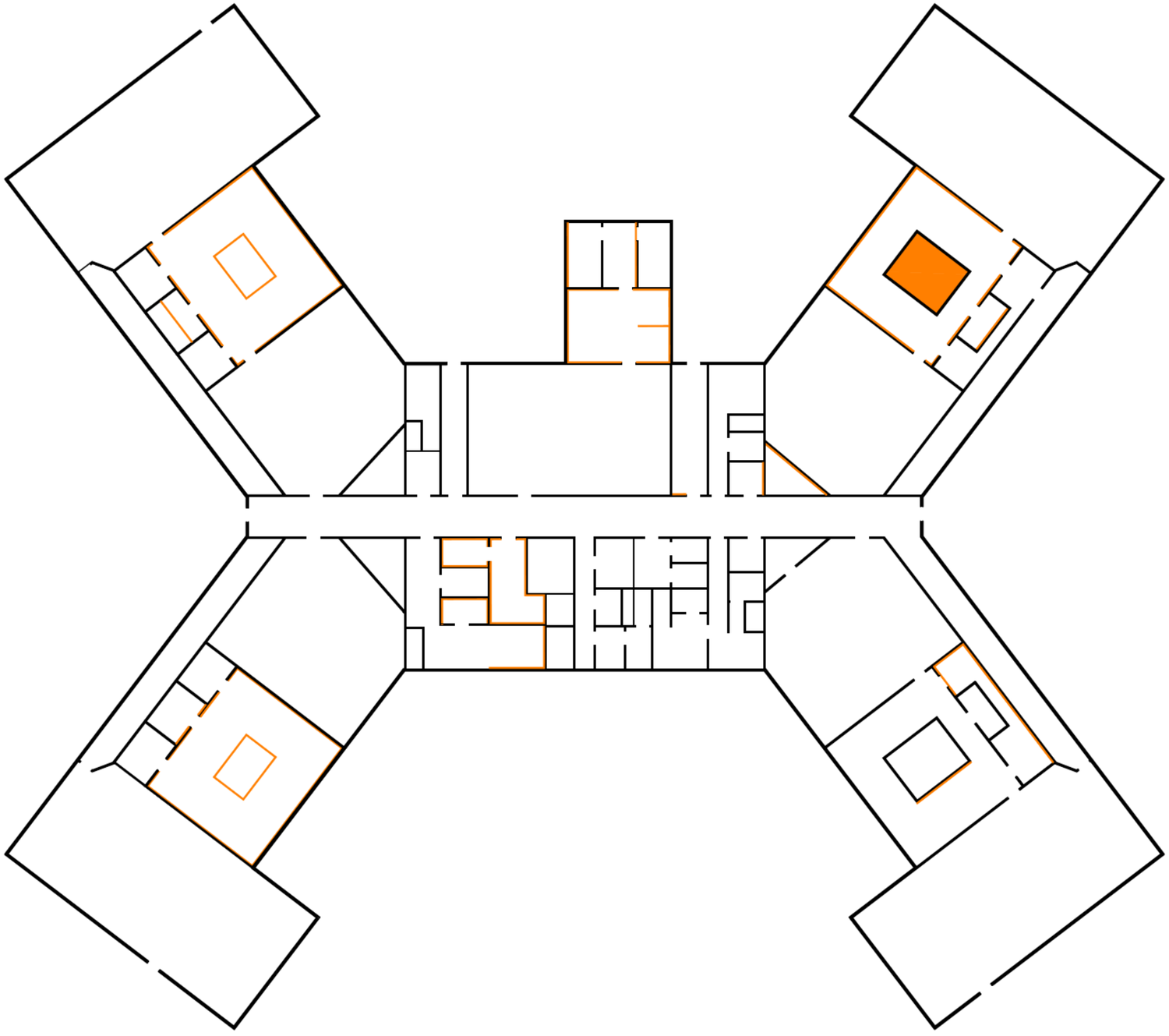
SCALE: N.T.S.

Figure 3

LEGEND:

LBP LEAD BASED PAINT

LBP OR LEADED CERAMIC TILE GLAZING



Contract No.:
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TDD: 1808-05
TO: 0003

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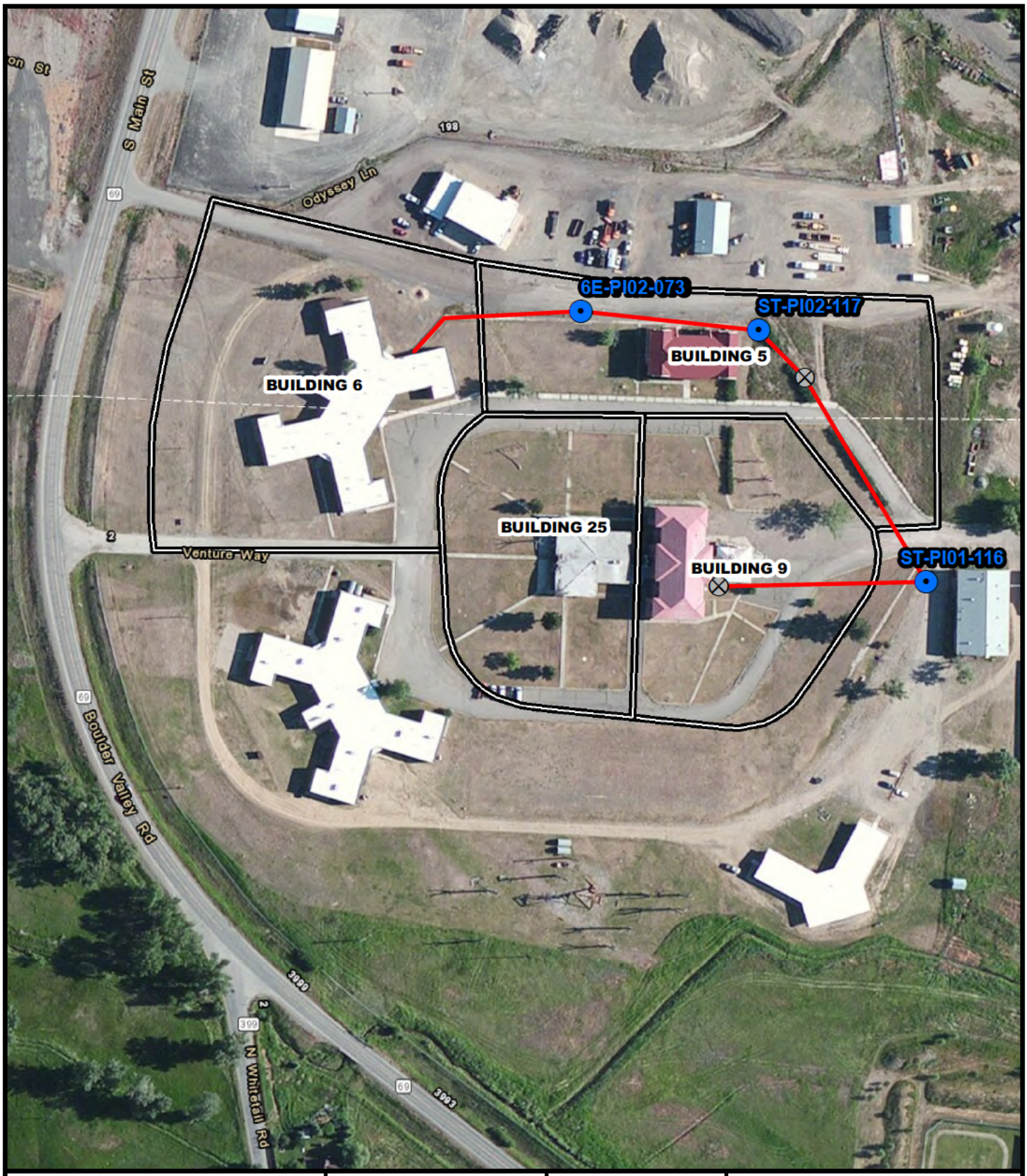
Lakewood, CO 80215

LBP SAMPLE LOCATION AND EXTENT
SOUTH CAMPUS MT STATE TRAINING SCHOOL
BUILDING 6
LEAD BASED PAINT SURVEY

DATE:
12/13/18

SCALE:
N.T.S.

Figure
4



Legend

- Sample Location
- Manhole Locations (Approximate)
- Steam Tunnels (Approximate)
- Property Parcels

0 90 180 360 Feet

N

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TDD:
1808-05

TO:
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FIGURE 5
STEAM TUNNELS MAP
SOUTH CAMPUS
MONTANA STATE
TRAINING SCHOOL
BOULDER, MONTANA

Date: 9/12/2016

TABLES

Table 1
ACM Sample Results and Estimated Volumes

Sample ID	Physical Description	ACM Layer	Asbestos Type and Percent Composition (by PLM Method)	Point Count Method Result	Estimated Volume
Building 6 West					
6W-FT01-001	Floor Tile	A - Black mastic	Chrysotile 15%	--	1,900 sq. ft.
		B - Green tile	Chrysotile 15%	--	
6W-FT02-002	Floor Tile	A - Black mastic	Chrysotile 15%	--	
		B - Greenish white/green tile	Chrysotile 15%	--	
6W-FT03-003	Floor Tile	A - Light tan mastic w/ black mastic	Chrysotile 5%	3.50	
6W-FT04-007	Floor Tile	A - Black mastic w/ light tan mastic	Chrysotile 6%	--	300 sq. ft.
		B - Brown tile	Chrysotile 12%	--	
6W-FT07-011	Floor Tile	A - Black mastic	Chrysotile 15%	--	1,000 sq. ft.
		B - Brown tile	Chrysotile 15%	--	
6W-FT08-012	Floor Tile	A - Black mastic	Chrysotile 12%	--	
		B - Light blue tile	Chrysotile 10%	--	
6W-LN01-013	Linoleum	A - Black mastic w/ light gray mastic	Chrysotile 8%	--	50 sq. ft.
		B - Light gray/white flooring w/ light gray fibrous backing material	Chrysotile 25%	--	
6W-PI02-022	Pipe Insulation	A - Light gray fibrous insulation w/ light pink painted wrap	Chrysotile 80%	--	50 LF
6W-FT10-024	Floor Tile	A - Black mastic	Chrysotile 20%	--	1,000 sq. ft.
		B - Light green tile	Chrysotile 10%	--	
6W-FT11-025	Floor Tile	A - Black mastic	Chrysotile 15%	--	
		B - Yellow tile	Chrysotile 15%	--	
Building 6 East					
6E-FT01-027	Floor Tile	A - Black mastic	Chrysotile 15%	--	1,900 sq. ft.
6E-FT02-029	Floor Tile	A - Black mastic	Chrysotile 15%	--	150 sq. ft.
		B - Brown tile	Chrysotile 15%	--	
6E-FT03-031	Floor Tile	A - Black mastic	Chrysotile 15%	--	1,000 sq. ft.
		B - Light blue tile	Chrysotile 12%	--	
6E-FT04-032	Floor Tile	A - Black mastic	Chrysotile 15%	--	
		B - Brown tile	Chrysotile 15%	--	
6E-FT05-034	Floor Tile	A - Black mastic	Chrysotile 10%	--	1,900 sq. ft.
6E-FT06-037	Floor Tile	A - Black mastic w/ white material	Chrysotile 15%	--	200 sq. ft.
		B - Brown tile	Chrysotile 12%	--	
6E-FT07-040	Floor Tile	A - Black mastic	Chrysotile 15%	--	1,000 sq. ft.
		B - Light green tile	Chrysotile 10%	--	
6E-FT08-041	Floor Tile	A - Black mastic	Chrysotile 15%	--	
		B - Yellow tile	Chrysotile 10%	--	
6E-FT09-043	Floor Tile	A - Black mastic	Chrysotile 10%	--	700 sq. ft.
Building 6 Central					
6C-FT01-046	Floor Tile	A - Black mastic	Chrysotile 15%	--	300 sq. ft.
		B - Red tile	Chrysotile 10%	--	
6C-FT02-047	Floor Tile	A - Black mastic	Chrysotile 20%	--	400 sq. ft.
		B - Gray tile	Chrysotile 12%	--	
6C-FT03-048	Floor Tile	A - Black mastic w/ light tan mastic	Chrysotile 20%	--	
		B - Dark green tile	Chrysotile 20%	--	
6C-FT04-050	Floor Tile	A - Black mastic	Chrysotile 15%	--	200 sq. ft.
		B - Off white/black tile	Chrysotile 10%	--	
6C-FT06-054	Floor Tile	A - Black mastic	Chrysotile 20%	--	300 sq. ft.
		B - Light tan tile	Chrysotile 10%	--	
6C-FT07-055	Floor Tile	A - Black mastic w/ light pink material	Chrysotile 4%	3.00	3,700 sq. ft.
6C-FT08-056	Floor Tile	A - Black mastic	Chrysotile 20%	--	200 sq. ft.
		B - Off white tile	Chrysotile 10%	--	
6C-FT09-058	Floor Tile	A - Black mastic	Chrysotile 2%	1.50	200 sq. ft.
6C-FT10-065	Floor Tile	A - Black mastic	Chrysotile 15%	--	200 sq. ft.
		B - Gray tile	Chrysotile 10%	--	
6C-FT11-067	Floor Tile	A - Black mastic	Chrysotile 20%	--	150 sq. ft.
		B - Yellow tile	Chrysotile 12%	--	
6C-PL02-069	Plaster	A - Off white compound	Chrysotile 2%	1.25	300 sq. ft.
6C-PI01-072	Pipe Insulation	A - Light gray fibrous insulation	Chrysotile 5%	7.00	100 LF
		B - Light gray fibrous multi-layered insulation	Chrysotile Trace	<0.25	
Building 6 Exterior					
6O-DC01-415	Door Caulk	A - Gray caulk	Chrysotile 12%	--	250 LF
6O-WC01-419	Window Caulk	A - Gray caulk	Chrysotile 12%	--	1,100 LF
6O-WC01-420	Window Caulk	A - Gray caulk	Chrysotile 12%	--	
6O-WC01-421	Window Caulk	A - Gray caulk	Chrysotile 12%	--	
Steam Tunnel					
6E-PI02-073	Pipe Insulation	A - Grayish white fibrous insulation w/ gray fibrous woven wrap	Chrysotile 8% and Amosite 2%	--	5 Fittings

Table 2

Non-detect for Asbestos Samples

Sample ID	Physical Description	Sample Layer(s)
Building 6 West		
6W-PL01-004	Plaster	A - Light gray granular plaster
		B - Grayish white granular plaster w/ white/multi-layered paint
6W-CT01-005	Ceiling Tile	A - White/light gray ceiling tile
6W-CT02-006	Ceiling Tile	A - White/light tan ceiling tile
6W-FT05-008	Floor Tile	A - Black mastic w/ light tan mastic
		B - Beige tile
6W-PL01-009	Plaster	A - Grayish white granular plaster w/ off white/multi-layered paint
		B - Light gray granular plaster
6W-FT06-010	Floor Tile	A - Black mastic
		B - Yellow tile
6W-FC01-014	Floor Coating	A - Light gray granular plaster
		B - Dark pink granular flooring material
6W-PL01-015	Plaster	A - Light gray granular plaster w/ off white multi-layered paint
6W-BB01-016	Baseboard	A - Yellow resinous material w/ fibrous debris
		B - Light gray granular plaster
		C - Light gray granular plaster w/ gray/multi-layered paint
6W-FT09-017	Floor Tile	A - Off white mastic
		B - Beige/white tile
6W-CT03-018	Ceiling Tile	A - White/gray ceiling tile
6W-PL01-019	Plaster	A - Light gray granular plaster
		B - Light gray granular plaster w/ off white/multi-layered paint
6W-PL01-020	Plaster	A - Light gray granular plaster
		B - Grayish white granular plaster w/ white paint
6W-PI01-021	Pipe Insulation	A - Off white mud insulation w/ white paint
6W-PL01-023	Plaster	A - Grayish white granular plaster w/ pinkish white paint
		B - Light gray granular plaster
6W-PL01-026	Plaster	A - Light gray granular plaster w/ light yellow paint
		B - Light gray granular plaster
6W-CT01-376	Ceiling Tile	A - Tan/white ceiling tile
6W-CT01-377	Ceiling Tile	A - Tan/white ceiling tile
6W-CT02-378	Ceiling Tile	A - Tan/white ceiling tile
6W-CT02-379	Ceiling Tile	A - Tan/white ceiling tile
6W-CT03-384	Ceiling Tile	A - Tan/white ceiling tile
6W-CT03-385	Ceiling Tile	A - Tan/white ceiling tile
6W-PI01-391	Pipe Insulation	A - Tan insulation w/ white paint
6W-PI01-392	Pipe Insulation	A - Tan insulation w/ white paint
6W-WT01-401	Wall Tile	A - Gray cementitious material
		B - Gray granular cementitious material
		C - Tan/yellow ceramic tile
6W-WT01-402	Wall Tile	A - Gray granular cementitious material
		B - Gray cementitious material
		C - Tan/yellow ceramic tile
6W-WT01-403	Wall Tile	A - Gray cementitious material
		B - Gray granular cementitious material
		C - Tan/yellow ceramic tile

Table 2
Non-detect for Asbestos Samples

Sample ID	Physical Description	Sample Layer(s)
6W-WT02-404	Wall Tile	A - White grout
		B - Gray leveling compound
		C - Gray granular cementitious material
		D - Tan/pink ceramic tile
6W-WT02-405	Wall Tile	A - White grout
		B - Gray leveling compound
		C - Gray granular cementitious material
		D - Tan/pink ceramic tile
6W-WT02-406	Wall Tile	A - Gray granular cementitious material
		B - Gray leveling compound
		C - White grout
		D - Tan/pink ceramic tile
6W-PI03-407	Pipe Insulation	A - White/silver wrap
		B - Yellow insulation
6W-PI03-408	Pipe Insulation	A - White/silver wrap
		B - Yellow insulation
6W-PI03-409	Pipe Insulation	A - White/silver wrap
		B - Yellow insulation
Building 6 East		
6E-PL01-028	Plaster	A - Grayish white granular plaster
		B - Light gray granular plaster
6E-PL01-030	Plaster	A - Grayish white granular plaster w/ off white paint
		B - Light gray granular plaster
6E-PL01-033	Plaster	A - White compound w/ light blue paint
		B - Light gray granular plaster
		C - Gray granular plaster
		D - Grayish white granular plaster w/ light pink paint
6E-PL01-035	Plaster	A - Grayish white granular plaster w/ off white/multi-layered paint
		B - Light gray granular plaster
6E-PL01-036	Plaster	A - Grayish white granular plaster w/ white/multi-layered paint
		B - Light gray granular plaster
6E-PL01-038	Plaster	A - Grayish white granular plaster
		B - Light gray granular plaster
6E-BB01-039	Baseboard	A - Brown mastic
		B - Black cove base
6E-PL01-042	Plaster	A - White/yellow paint w/ white compound
		B - Grayish white granular plaster w/ pink/multi-layered paint
		C - Light gray granular plaster
6E-CT01-044	Ceiling Tile	A - White/light gray ceiling tile
6E-CT02-045	Ceiling Tile	A - White/tan fiberboard ceiling tile
6E-CT01-372	Ceiling Tile	A - Tan/white ceiling tile
6E-CT01-373	Ceiling Tile	A - Tan/white ceiling tile
6E-CT02-374	Ceiling Tile	A - Tan/white ceiling tile
6E-CT02-375	Ceiling Tile	A - Tan/white ceiling tile
6E-FC01-382	Floor Coating	A - Red granular cementitious material
		B - Gray granular cementitious material
6E-FC01-383	Floor Coating	A - White compound
		B - Red granular cementitious material

Table 2
Non-detect for Asbestos Samples

Sample ID	Physical Description	Sample Layer(s)
6E-BB01-388	Baseboard	A - Tan adhesive
		B - Black cove base
6E-WT01-395	Wall Tile	A - Gray granular cementitious material
		B - Gray cementitious material
		C - Tan/blue ceramic tile
6E-WT01-396	Wall Tile	A - Tan/blue ceramic tile
6E-WT01-397	Wall Tile	A - Tan/blue ceramic tile
6E-BM01-398	Brick and Mortar	A - Off white granular cementitious material
		B - Red brick
6E-BM01-399	Brick and Mortar	A - Gray granular cementitious material
		B - Red brick
6E-BM01-400	Brick and Mortar	A - Gray granular cementitious material
		B - Red brick
Building 6 Central		
6C-PL01-049	Plaster	A - Grayish white granular plaster w/ white multi-layered paint
		B - Light gray granular plaster
6C-PL01-051	Plaster	A - Grayish white granular plaster w/ white multi-layered paint
		B - Light gray granular plaster
6C-WL01-052	Wall Linoleum	A - Brown mastic
		B - Red/dark pink flooring w/ green/gray felt backing material
6C-FT05-053	Floor Tile	A - Orange brick material
		B - White plaster
		C - Gray granular cementitious material
		D - Dark pink granular flooring material
6C-PL01-057	Plaster	A - Grayish white granular plaster w/ yellow/multi-layered paint
		B - Light gray granular plaster
6C-DW01-059	Drywall	A - White/tan drywall w/ white paint
6C-PL01-060	Plaster	A - Light gray granular plaster
		B - Grayish white granular plaster w/ white multi-layered paint
6C-PL01-061	Plaster	A - Light gray granular plaster
		B - Grayish white granular plaster w/ yellow/multi-layered paint
6C-DI01-062	Door Insulation	A - White perlitic insulation plaster w/ brown wood debris
6C-CB01-063	Chalk Board	A - Black slate rock material
6C-PL01-064	Plaster	A - Light gray granular plaster w/ light blue paint
		B - Light gray granular plaster
6C-PL01-066	Plaster	A - Light gray granular plaster
		B - White plaster w/ greenish white/multi-layered paint
6C-PL02-068	Plaster	A - Light gray granular plaster
		B - White plaster w/ light green paint
6C-PL02-070	Plaster	A - White plaster w/ light green paint
		B - Light gray granular plaster
6C-CT01-071	Ceiling Tile	A - Brown mastic
		B - White/gray drywall
		C - White/light gray ceiling tile
6C-WL01-367	Wall Linoleum	A - White adhesive
		B - Pink/red sheet vinyl w/ green/gray fibrous backing material
6C-WL01-368	Wall Linoleum	A - Tan adhesive
		B - Pink/red sheet vinyl w/ green/gray fibrous backing material

Table 2
Non-detect for Asbestos Samples

Sample ID	Physical Description	Sample Layer(s)
6C-CL01-369	Countertop Linoleum	A - Brown adhesive
		B - Greenish-blue counter top
6C-CL01-370	Countertop Linoleum	A - Brown adhesive
		B - Greenish-blue counter top
6C-CL01-371	Countertop Linoleum	A - Brown adhesive
		B - Greenish-blue counter top
6C-CT01-380	Ceiling Tile	A - Brown adhesive
		B - Tan/white ceiling tile
6C-CT01-381	Ceiling Tile	A - Brown adhesive
		B - Tan/white ceiling tile
6C-DI01-386	Door Insulation	A - Off white perlitic material
6C-DI01-387	Door Insulation	A - Off white perlitic material
6C-CB01-389	Chalk Board	A - Black tile
6C-CB01-390	Chalk Board	A - Black tile
6C-DW01-393	Drywall	A - White/tan drywall w/ white paint
6C-DW01-394	Drywall	A - White/tan drywall w/ white paint
6C-WT01-410	Wall Tile	A - Gray granular cementitious material
		B - Tan ceramic tile
6C-WT01-411	Wall Tile	A - White grout
		B - Gray granular cementitious material
		C - Gray leveling compound
		D - Tan/off white ceramic tile
6C-WT01-412	Wall Tile	A - Gray granular cementitious material
		B - Gray leveling compound
		C - Tan/off white ceramic tile
Building 6 Exterior		
6O-DC01-413	Door Caulk	A - White caulk
6O-DC01-414	Door Caulk	A - White caulk
6O-WG01-416	Window Glazing	A - Clear caulk
6O-WG01-417	Window Glazing	A - Clear caulk
6O-WG01-418	Window Glazing	A - Clear caulk
6O-BM01-422	Brick and Mortar	A - Gray granular cementitious material
		B - Red/gray brick
6O-BM01-423	Brick and Mortar	A - Red brick
		B - Gray granular cementitious material
6O-BM01-424	Brick and Mortar	A - Red brick
		B - Gray granular cementitious material
6O-BF01-425	Building Foundation	A - Gray granular cementitious material
6O-BF01-426	Building Foundation	A - Gray granular cementitious material
6O-BF01-427	Building Foundation	A - Gray granular cementitious material
Building 6 Basement		
6B-PI01-428	Pipe Insulation	A - Off white/silver wrap
		B - Yellow insulation
6B-PI01-429	Pipe Insulation	A - Tan fibrous woven material
		B - Yellow insulation
6B-PI01-430	Pipe Insulation	A - Tan fibrous woven material w/ green paint
		B - Yellow insulation

Table 3
Lead Based Paint Screening Results

Reading	Date	Time	Location	Room	Component	Substrate	Color	Lead mg/cm^2	(+/-) Error
XRF - Calibration Checks									
4	8/2/2016	10:31:19	N/A	N/A	SRM 2570	N/A	WHITE	0	0
5	8/2/2016	10:31:52	N/A	N/A	SRM 2571	N/A	YELLOW	3.63	0.34
6	8/2/2016	10:32:24	N/A	N/A	SRM 2572	N/A	ORANGE	1.75	0.18
7	8/2/2016	10:32:58	N/A	N/A	SRM 2573	N/A	RED	1.13	0.06
8	8/2/2016	10:33:54	N/A	N/A	SRM 2574	N/A	GOLD	0.67	0.07
9	8/2/2016	10:34:30	N/A	N/A	SRM 2575	N/A	GREEN	0 36	0.03
175	8/2/2016	13:35:58	N/A	N/A	SRM 2570	N/A	WHITE	0	0
176	8/2/2016	13:36:35	N/A	N/A	SRM 2571	N/A	YELLOW	3.74	0.38
177	8/2/2016	13:37:05	N/A	N/A	SRM 2572	N/A	ORANGE	1.67	0.16
178	8/2/2016	13:37:39	N/A	N/A	SRM 2573	N/A	RED	1 03	0.05
179	8/2/2016	13:39:22	N/A	N/A	SRM 2574	N/A	GOLD	0.73	0.09
180	8/2/2016	13:39:57	N/A	N/A	SRM 2573	N/A	GREEN	0 29	0.03
182	8/2/2016	14:40:32	N/A	N/A	SRM 2570	N/A	WHITE	0	0
183	8/2/2016	14:41:15	N/A	N/A	SRM 2571	N/A	YELLOW	3.66	0.35
184	8/2/2016	14:41:51	N/A	N/A	SRM 2572	N/A	ORANGE	1 59	0.15
185	8/2/2016	14:42:43	N/A	N/A	SRM 2573	N/A	RED	1 07	0.05
186	8/2/2016	14:43:59	N/A	N/A	SRM 2574	N/A	GOLD	0.73	0.08
187	8/2/2016	14:44:46	N/A	N/A	SRM 2575	N/A	GREEN	0 29	0.03
358	8/2/2016	17:39:51	N/A	N/A	SRM 2570	N/A	WHITE	0	0
359	8/2/2016	17:40:27	N/A	N/A	SRM 2571	N/A	YELLOW	3 34	0.31
360	8/2/2016	17:41:08	N/A	N/A	SRM 2572	N/A	ORANGE	1.73	0.18
361	8/2/2016	17:41:37	N/A	N/A	SRM 2573	N/A	RED	1 06	0.05
362	8/2/2016	17:42:42	N/A	N/A	SRM 2574	N/A	GOLD	0.68	0.09
363	8/2/2016	17:43:14	N/A	N/A	SRM 2575	N/A	GREEN	0 33	0.03
Screening Results									
10	8/2/2016	10:44:11	EXTERIOR	N/A	WINDOW FRAME	WOOD	GRAY	0	0
11	8/2/2016	10:44:31	EXTERIOR	N/A	WINDOW FRAME	WOOD	GRAY	0	0
12	8/2/2016	10:46:04	EXTERIOR	N/A	BUILT-IN	METAL	BROWN	0	0
13	8/2/2016	10:50:46	WEST WING	N/A	WALL	PLASTER	WHITE	0.1	0.05
14	8/2/2016	10:51:09	WEST WING	room A	WALL	PLASTER	WHITE	0	0
15	8/2/2016	10:51:27	WEST WING	room A	WALL	PLASTER	WHITE	0 05	0.04
16	8/2/2016	10:51:57	WEST WING	room A	WALL	PLASTER	WHITE	0 06	0.03
17	8/2/2016	10:52:32	WEST WING	room A	WALL	PLASTER	WHITE	0 09	0.05
18	8/2/2016	11:00:15	WEST WING	room A	DOOR FRAME	PLASTER	WHITE	0 07	0.03
19	8/2/2016	11:01:10	WEST WING	room A	DOOR FRAME	PLASTER	WHITE	0 08	0.04
20	8/2/2016	11:01:57	WEST WING	room A	DOOR	METAL	WHITE	0 05	0.03
21	8/2/2016	11:02:41	WEST WING	room A	WALL	PLASTER	YELLOW	0.13	0.05
22	8/2/2016	11:03:37	WEST WING	room A	WALL	PLASTER	WHITE	0 08	0.03
23	8/2/2016	11:04:15	WEST WING	room A	DOOR FRAME	METAL	WHITE	0	0
24	8/2/2016	11:05:07	WEST WING	room B	WALL	PLASTER	GREEN	0 04	0.02
25	**8/2/2016**	**11:05:24**	**WEST WING**	**room B**	**WALL**	**PLASTER**	**GREEN**	**1**	**0.05**
26	8/2/2016	11:05:50	WEST WING	room B	WALL	PLASTER	GREEN	0 05	0.02
27	8/2/2016	11:08:21	WEST WING	room B	CEILING	PLASTER	GREEN	0.12	0.04
28	8/2/2016	11:10:53	WEST WING	room B	WINDOW FRAME	METAL	WHITE	0 08	0.04
29	8/2/2016	11:11:32	WEST WING	room B	WINDOW FRAME	METAL	YELLOW	0 07	0.03
30	8/2/2016	11:12:07	WEST WING	room B	WALL	PLASTER	YELLOW	0 07	0.03
31	8/2/2016	11:12:23	WEST WING	room B	WALL	PLASTER	YELLOW	0.13	0.04
32	8/2/2016	11:15:01	WEST WING	room C	WALL	PLASTER	YELLOW	0 08	0.04
33	8/2/2016	11:15:20	WEST WING	room C	WALL	PLASTER	YELLOW	0.1	0.04
34	8/2/2016	11:15:42	WEST WING	room C	WALL	PLASTER	YELLOW	0.2	0.07
35	8/2/2016	11:16:18	WEST WING	room C	WALL	PLASTER	WHITE	0	0
36	8/2/2016	11:16:37	WEST WING	room C	WALL	PLASTER	WHITE	0	0
37	8/2/2016	11:16:54	WEST WING	room C	WALL	PLASTER	WHITE	0	0
38	8/2/2016	11:17:41	WEST WING	room C	DOOR FRAME	WOOD	YELLOW	0	0
39	8/2/2016	11:18:07	WEST WING	room C	DOOR FRAME	WOOD	GREEN	0 02	0.01
40	**8/2/2016**	**11:19:02**	**WEST WING**	**room C**	**WALL**	**CONCRETE**	**YELLOW**	**1**	**0.01**
41	**8/2/2016**	**11:19:50**	**WEST WING**	**room C**	**WALL**	**CONCRETE**	**YELLOW**	**1**	**0.02**
42	**8/2/2016**	**11:20:18**	**WEST WING**	**room C**	**WALL**	**CONCRETE**	**YELLOW**	**1**	**0.03**
43	8/2/2016	11:24:05	WEST WING	room D	WALL	PLASTER	YELLOW	0 05	0.02
44	8/2/2016	11:24:20	WEST WING	room D	WALL	PLASTER	YELLOW	0.1	0.03
45	**8/2/2016**	**11:24:56**	**WEST WING**	**room D**	**WALL**	**PLASTER**	**GREEN**	**1**	**0.04**
46	8/2/2016	11:25:13	WEST WING	room D	WALL	PLASTER	GREEN	0.17	0.05
47	8/2/2016	11:29:32	WEST WING	room E	WALL	PLASTER	YELLOW	0 04	0.02
48	8/2/2016	11:29:46	WEST WING	room E	WALL	PLASTER	YELLOW	0 04	0.01
49	8/2/2016	11:30:23	WEST WING	room E	DOOR	WOOD	GREEN	0 03	0.02
50	8/2/2016	11:30:55	WEST WING	room E	DOOR	WOOD	WHITE	0 04	0.05
51	8/2/2016	11:31:37	WEST WING	room F	WALL	PLASTER	CREAM	0.15	0.09
52	8/2/2016	11:31:55	WEST WING	room F	WALL	PLASTER	CREAM	0 36	0.08
53	8/2/2016	11:32:17	WEST WING	room F	WALL	PLASTER	CREAM	0.19	0.06
54	8/2/2016	11:32:59	WEST WING	room F	WALL	PLASTER	CREAM	0.14	0.07
55	8/2/2016	11:34:20	WEST WING	room F	WALL	WOOD	PINK	0 04	0.02
56	8/2/2016	11:35:14	WEST WING	room F	WALL	PLASTER	PINK	0 08	0.02
57	8/2/2016	11:35:53	WEST WING	room F	DOOR	WOOD	WHITE	0.1	0.07
58	8/2/2016	11:37:31	WEST WING	room F	TRIM	WOOD	BLACK	0 05	0.02

Table 3
Lead Based Paint Screening Results

Reading	Date	Time	Location	Room	Component	Substrate	Color	Lead mg/cm^2	(+/-) Error
59	8/2/2016	11:40:46	SOUTH WING	room A	WALL	PLASTER	CREAM	0 29	0.08
60	8/2/2016	11:41:12	SOUTH WING	room A	WALL	PLASTER	CREAM	0 36	0.08
61	8/2/2016	11:41:30	SOUTH WING	room A	WALL	PLASTER	CREAM	0 22	0.06
62	8/2/2016	11:42:01	SOUTH WING	room A	WALL	PLASTER	CREAM	0 29	0.09
63	8/2/2016	11:42:36	SOUTH WING	room A	TRIM	WOOD	WHITE	0	0
64	8/2/2016	11:45:00	SOUTH WING	room A	DOOR	WOOD	WHITE	0	0
65	**8/2/2016**	**11:46:28**	**SOUTH WING**	**room B**	**WALL**	**CONCRETE**	**PINK**	**1**	**0.02**
66	8/2/2016	11:47:41	SOUTH WING	room B	WALL	CONCRETE	PINK	0.11	0.02
67	**8/2/2016**	**11:48:21**	**SOUTH WING**	**room B**	**WALL**	**CONCRETE**	**PINK**	**1**	**0.04**
68	8/2/2016	11:49:01	SOUTH WING	room B	WALL	PLASTER	WHITE	0 09	0.03
69	**8/2/2016**	**11:49:42**	**SOUTH WING**	**room D**	**WALL**	**PLASTER**	**WHITE**	**1**	**0.03**
70	8/2/2016	11:50:02	SOUTH WING	room D	WALL	PLASTER	WHITE	0.18	0.07
71	8/2/2016	11:50:20	SOUTH WING	room D	WALL	PLASTER	WHITE	0.17	0.06
72	8/2/2016	11:50:36	SOUTH WING	room D	WALL	PLASTER	WHITE	0.13	0.05
73	8/2/2016	11:51:16	SOUTH WING	room D	DOOR	WOOD	PINK	0 07	0.03
74	8/2/2016	11:52:14	SOUTH WING	room C	WALL	PLASTER	WHITE	0	0
75	8/2/2016	11:52:44	SOUTH WING	room C	WALL	PLASTER	WHITE	0	0
76	8/2/2016	11:52:56	SOUTH WING	room C	WALL	PLASTER	WHITE	0	0
77	8/2/2016	11:53:14	SOUTH WING	room C	WALL	PLASTER	WHITE	0.1	0.04
78	8/2/2016	11:54:19	SOUTH WING	room C	DOOR FRAME	WOOD	WHITE	0 07	0.03
79	8/2/2016	11:54:43	SOUTH WING	room C	DOOR FRAME	WOOD	GREEN	0 08	0.03
80	8/2/2016	11:55:52	SOUTH WING	room F	WALL	PLASTER	CREAM	0 28	0.08
81	8/2/2016	11:56:09	SOUTH WING	room F	WALL	PLASTER	CREAM	0.2	0.05
82	8/2/2016	11:56:35	SOUTH WING	room F	WALL	PLASTER	CREAM	0	0
83	8/2/2016	11:56:54	SOUTH WING	room F	WALL	PLASTER	CREAM	0 28	0.07
84	8/2/2016	12:00:08	SOUTH WING	room F	WALL	PLASTER	PINK	0.19	0.05
85	8/2/2016	12:00:38	SOUTH WING	room F	WALL	WOOD	PINK	0 03	0.02
86	8/2/2016	12:08:43	SOUTH WING	room F	WALL	WOOD	YELLOW	0 08	0.03
87	8/2/2016	12:09:05	SOUTH WING	room F	WALL	WOOD	WHITE	0 05	0.02
88	8/2/2016	12:09:40	SOUTH WING	room F	WALL	PLASTER	YELLOW	0 09	0.04
89	8/2/2016	12:11:16	SOUTH WING	room F	DOOR	WOOD	BROWN	0	0
90	8/2/2016	12:11:34	SOUTH WING	room F	DOOR	WOOD	BROWN	0.1	0.2
91	8/2/2016	12:11:50	SOUTH WING	room F	DOOR	WOOD	BROWN	0	0
92	8/2/2016	12:21:30	EAST WING	room A	WALL	PLASTER	WHITE	0 07	0.03
93	8/2/2016	12:21:54	EAST WING	room A	WALL	PLASTER	WHITE	0.12	0.05
94	8/2/2016	12:22:12	EAST WING	room A	WALL	PLASTER	WHITE	0 06	0.02
95	8/2/2016	12:22:40	EAST WING	room A	WALL	PLASTER	WHITE	0 09	0.04
96	8/2/2016	12:24:18	EAST WING	room A	DOOR	WOOD	DK BROWN	0 01	0.01
97	8/2/2016	12:24:39	EAST WING	room A	DOOR FRAME	WOOD	DK BROWN	0 03	0.02
98	8/2/2016	12:25:00	EAST WING	room A	DOOR FRAME	WOOD	DK BROWN	0	0
99	8/2/2016	12:25:53	EAST WING	room A	DOOR FRAME	WOOD	DK BROWN	0 08	0.03
100	8/2/2016	12:28:53	EAST WING	room B	WALL	CONCRETE	LT BLUE	0 21	0.05
101	8/2/2016	12:29:12	EAST WING	room B	WALL	CONCRETE	LT BLUE	0 08	0.03
102	8/2/2016	12:29:46	EAST WING	room B	WALL	CONCRETE	LT BLUE	0.1	0.02
103	8/2/2016	12:30:58	EAST WING	room B	WALL	CONCRETE	LT BLUE	0 06	0.02
104	8/2/2016	12:31:33	EAST WING	room B	WALL	PLASTER	CORAL	0.14	0.05
105	8/2/2016	12:31:56	EAST WING	room B	WALL	PLASTER	CORAL	0.16	0.04
106	**8/2/2016**	**12:32:13**	**EAST WING**	**room B**	**WALL**	**PLASTER**	**CORAL**	**1**	**0.08**
107	8/2/2016	12:32:36	EAST WING	room B	WALL	PLASTER	CORAL	0 01	0.01
108	8/2/2016	12:32:57	EAST WING	room B	WALL	PLASTER	CORAL	0 27	0.08
109	8/2/2016	12:33:20	EAST WING	room B	WALL	PLASTER	CORAL	0 33	0.09
110	8/2/2016	12:34:14	EAST WING	room B	WALL	WOOD	WHITE	0	0
111	8/2/2016	12:34:28	EAST WING	room B	WALL	WOOD	WHITE	0	0
112	**8/2/2016**	**12:35:24**	**EAST WING**	**room C**	**WALL**	**PLASTER**	**YELLOW**	**1**	**0.04**
113	**8/2/2016**	**12:36:12**	**EAST WING**	**room C**	**WALL**	**PLASTER**	**YELLOW**	**1**	**0.05**
114	8/2/2016	12:36:34	EAST WING	room C	WALL	PLASTER	YELLOW	0.15	0.04
115	8/2/2016	12:36:53	EAST WING	room C	WALL	PLASTER	YELLOW	0 07	0.03
116	8/2/2016	12:37:26	EAST WING	room C	WALL	WOOD	YELLOW	0 06	0.02
117	8/2/2016	12:37:42	EAST WING	room C	WALL	WOOD	YELLOW	0 06	0.02
118	8/2/2016	12:39:44	EAST WING	room D	WALL	PLASTER	YELLOW	0 23	0.06
119	8/2/2016	12:40:13	EAST WING	room D	WALL	PLASTER	YELLOW	0.11	0.04
120	8/2/2016	12:40:32	EAST WING	room D	WALL	PLASTER	YELLOW	0 27	0.08
121	8/2/2016	12:41:26	EAST WING	room E	WALL	PLASTER	LT BLUE	0 35	0.07
122	8/2/2016	12:41:47	EAST WING	room E	WALL	PLASTER	LT BLUE	0 33	0.07
123	8/2/2016	12:42:09	EAST WING	room E	WALL	PLASTER	LT BLUE	0 28	0.07
124	8/2/2016	12:42:23	EAST WING	room E	WALL	PLASTER	LT BLUE	0 29	0.07
125	8/2/2016	12:42:44	EAST WING	room E	WALL	PLASTER	LT BLUE	0 25	0.07
126	8/2/2016	12:43:19	EAST WING	room E	TRIM	WOOD	WHITE	0 08	0.04
127	8/2/2016	12:43:48	EAST WING	room E	TRIM	WOOD	WHITE	0	0
128	8/2/2016	12:44:10	EAST WING	room E	TRIM	WOOD	WHITE	0 01	0.01
129	8/2/2016	12:44:45	EAST WING	room E	TRIM	WOOD	WHITE	0 23	0.07
130	8/2/2016	12:45:52	EAST WING	room E	WALL	PLASTER	YELLOW	0.13	0.04
131	8/2/2016	12:46:16	EAST WING	room E	WALL	PLASTER	YELLOW	0 09	0.04
132	8/2/2016	12:46:54	EAST WING	room E	BUILT-IN	WOOD	YELLOW	0 07	0.02

Table 3
Lead Based Paint Screening Results

Reading	Date	Time	Location	Room	Component	Substrate	Color	Lead mg/cm^2	(+/-) Error
133	8/2/2016	12:53:39	NORTH WING	room A	WALL	PLASTER	CORAL	0 09	0.03
134	8/2/2016	12:53:57	NORTH WING	room A	WALL	PLASTER	CORAL	0.16	0.04
135	8/2/2016	12:54:27	NORTH WING	room A	WALL	PLASTER	CORAL	0.16	0.05
136	8/2/2016	12:54:58	NORTH WING	room A	WALL	PLASTER	CREAM	0 09	0.04
137	8/2/2016	12:58:52	NORTH WING	room A	DOOR	METAL	CORAL	0.13	0.03
138	8/2/2016	12:59:22	NORTH WING	room A	DOOR FRAME	WOOD	DK BROWN	0 09	0.03
139	8/2/2016	12:59:49	NORTH WING	room A	TRIM	WOOD	DK BROWN	0 04	0.02
140	8/2/2016	13:00:33	NORTH WING	room A	BUILT-IN	WOOD	WHITE	0 03	0.02
141	8/2/2016	13:01:23	NORTH WING	room A	WALL	PLASTER	GREEN	0.12	0.04
142	8/2/2016	13:01:46	NORTH WING	room A	WALL	PLASTER	GREEN	0 09	0.03
143	8/2/2016	13:02:51	NORTH WING	room B	WALL	PLASTER	WHITE	0.11	0.07
144	8/2/2016	13:03:14	NORTH WING	room B	WALL	PLASTER	WHITE	0 09	0.04
145	**8/2/2016**	**13:03:45**	**NORTH WING**	**room B**	**WALL**	**CONCRETE**	**AQUA**	**1**	**0.05**
146	**8/2/2016**	**13:04:11**	**NORTH WING**	**room B**	**WALL**	**CONCRETE**	**AQUA**	**1**	**0.04**
147	**8/2/2016**	**13:04:42**	**NORTH WING**	**room B**	**WALL**	**CONCRETE**	**AQUA**	**5**	**0.77**
148	**8/2/2016**	**13:04:57**	**NORTH WING**	**room B**	**WALL**	**CONCRETE**	**AQUA**	**1**	**0.03**
149	8/2/2016	13:05:22	NORTH WING	room B	WALL	CONCRETE	AQUA	0.11	0.04
150	8/2/2016	13:09:32	NORTH WING	room C	WALL	PLASTER	AQUA	0 05	0.02
151	8/2/2016	13:09:50	NORTH WING	room C	WALL	PLASTER	AQUA	0 05	0.03
152	8/2/2016	13:10:14	NORTH WING	room C	WALL	PLASTER	AQUA	0 08	0.03
153	8/2/2016	13:10:53	NORTH WING	room D	WALL	PLASTER	CREAM	0.1	0.04
154	**8/2/2016**	**13:11:12**	**NORTH WING**	**room D**	**WALL**	**PLASTER**	**CREAM**	**1**	**0.05**
155	**8/2/2016**	**13:11:33**	**NORTH WING**	**room D**	**WALL**	**PLASTER**	**CREAM**	**1**	**0.03**
156	8/2/2016	13:11:50	NORTH WING	room D	WALL	PLASTER	CREAM	0 07	0.03
157	8/2/2016	13:13:59	NORTH WING	room E	WALL	PLASTER	WHITE	0.18	0.04
158	8/2/2016	13:14:16	NORTH WING	room E	WALL	PLASTER	WHITE	0.14	0.04
159	8/2/2016	13:14:45	NORTH WING	room E	WALL	PLASTER	WHITE	0 29	0.07
160	8/2/2016	13:15:21	NORTH WING	room E	WALL	PLASTER	WHITE	0.16	0.04
161	8/2/2016	13:16:13	NORTH WING	room E	WALL	PLASTER	WHITE	0 04	0.05
162	**8/2/2016**	**13:16:30**	**NORTH WING**	**room E**	**WALL**	**PLASTER**	**WHITE**	**1**	**0.03**
163	8/2/2016	13:17:13	NORTH WING	room E	DOOR FRAME	WOOD	WHITE	0 02	0.02
164	8/2/2016	13:17:36	NORTH WING	room E	DOOR FRAME	WOOD	WHITE	0	0.01
165	**8/2/2016**	**13:18:21**	**NORTH WING**	**room E**	**WALL**	**PLASTER**	**WHITE**	**1**	**0.04**
166	8/2/2016	13:22:23	NORTH WING	room E	TRIM	WOOD	BLACK	0 02	0.02
167	8/2/2016	13:23:55	NORTH WING	room E	WINDOW FRAME	METAL	WHITE	0	0
168	8/2/2016	13:24:37	NORTH WING	room E	WALL	PLASTER	YELLOW	0 08	0.03
169	8/2/2016	13:24:55	NORTH WING	room E	WALL	PLASTER	YELLOW	0.14	0.05
170	8/2/2016	13:27:25	NORTH WING	room E	FLOOR	CONCRETE	RED	0	0
171	8/2/2016	13:29:58	NORTH WING	room E	FLOOR	CONCRETE	RED	0	0
173	8/2/2016	13:30:58	NORTH WING	room E	FLOOR	CONCRETE	RED	0	0
188	8/2/2016	14:57:02	CENTRAL NORTH	room A	WALL	PLASTER	WHITE	0 07	0.03
189	8/2/2016	14:57:15	CENTRAL NORTH	room A	WALL	PLASTER	WHITE	0 03	0.02
190	8/2/2016	14:57:54	CENTRAL NORTH	room A	BUILT-IN	WOOD	GRAY	0.13	0.03
191	8/2/2016	14:58:53	CENTRAL NORTH	room A	WALL	PLASTER	WHITE	0.14	0.06
192	8/2/2016	14:59:32	CENTRAL NORTH	room B	WALL	PLASTER	YELLOW	0.1	0.03
193	8/2/2016	14:59:57	CENTRAL NORTH	room B	WALL	PLASTER	YELLOW	0 06	0.02
194	8/2/2016	15:00:25	CENTRAL NORTH	room B	WALL	PLASTER	YELLOW	0.13	0.04
195	8/2/2016	15:00:51	CENTRAL NORTH	room B	WALL	PLASTER	WHITE	0 06	0.03
196	8/2/2016	15:01:04	CENTRAL NORTH	room B	WALL	PLASTER	WHITE	0 06	0.03
197	8/2/2016	15:01:28	CENTRAL NORTH	room B	WALL	PLASTER	WHITE	0 03	0.03
198	8/2/2016	15:01:42	CENTRAL NORTH	room B	WALL	PLASTER	WHITE	0	0
199	8/2/2016	15:02:01	CENTRAL NORTH	room B	WALL	PLASTER	WHITE	0 02	0.02
200	8/2/2016	15:02:33	CENTRAL NORTH	room B	CEILING	PLASTER	WHITE	0 05	0.03
201	8/2/2016	15:03:01	CENTRAL NORTH	room B	WALL	PLASTER	WHITE	0 02	0.01
202	8/2/2016	15:03:17	CENTRAL NORTH	room B	WALL	PLASTER	WHITE	0.11	0.05
203	8/2/2016	15:03:35	CENTRAL NORTH	room B	WALL	PLASTER	WHITE	0.11	0.05
204	8/2/2016	15:04:16	CENTRAL NORTH	room B	DOOR FRAME	METAL	YELLOW	0 02	0.01
205	8/2/2016	15:04:45	CENTRAL NORTH	room B	DOOR FRAME	METAL	WHITE	0 02	0.02
206	8/2/2016	15:05:26	CENTRAL NORTH	room B	DOOR	WOOD	BROWN	0.11	0.09
207	8/2/2016	15:05:44	CENTRAL NORTH	room B	DOOR	WOOD	BROWN	0 02	0.04
208	8/2/2016	15:07:12	CENTRAL NORTH	room C	WALL	PLASTER	WHITE	0.42	0.07
209	8/2/2016	15:07:31	CENTRAL NORTH	room C	WALL	PLASTER	WHITE	0	0
210	8/2/2016	15:07:50	CENTRAL NORTH	room C	WALL	PLASTER	WHITE	0.17	0.06
211	8/2/2016	15:08:26	CENTRAL NORTH	room C	WALL	PLASTER	WHITE	0 27	0.06
212	8/2/2016	15:09:26	CENTRAL NORTH	room C	WALL	PLASTER	WHITE	0.13	0.05
213	**8/2/2016**	**15:09:39**	**CENTRAL NORTH**	**room D**	**WALL**	**PLASTER**	**WHITE**	**1**	**0.04**
214	8/2/2016	15:09:59	CENTRAL NORTH	room D	WALL	PLASTER	WHITE	0.12	0.06
215	8/2/2016	15:10:24	CENTRAL NORTH	room D	WALL	PLASTER	WHITE	0 06	0.03
216	8/2/2016	15:10:47	CENTRAL NORTH	room D	WALL	PLASTER	WHITE	0.1	0.04
217	8/2/2016	15:11:01	CENTRAL NORTH	room D	WALL	PLASTER	WHITE	0 07	0.06
218	8/2/2016	15:11:18	CENTRAL NORTH	room D	WALL	PLASTER	WHITE	0 06	0.03
219	8/2/2016	15:11:35	CENTRAL NORTH	room D	WALL	PLASTER	WHITE	0.15	0.08
220	**8/2/2016**	**15:11:55**	**CENTRAL NORTH**	**room D**	**WALL**	**PLASTER**	**WHITE**	**1**	**0.04**
221	8/2/2016	15:12:58	CENTRAL NORTH	room D	WALL	PLASTER	GREEN	0.11	0.04
222	**8/2/2016**	**15:13:21**	**CENTRAL NORTH**	**room D**	**WALL**	**PLASTER**	**GREEN**	**1**	**0.05**

Table 3
Lead Based Paint Screening Results

Reading	Date	Time	Location	Room	Component	Substrate	Color	Lead mg/cm^2	(+/-) Error
223	**8/2/2016**	**15:13:47**	**CENTRAL NORTH**	**room D**	**WALL**	**PLASTER**	**GREEN**	**1**	**0.05**
224	8/2/2016	15:14:35	CENTRAL NORTH	room D	WALL	PLASTER	GREEN	0.19	0.05
225	**8/2/2016**	**15:16:30**	**CENTRAL NORTH**	**room D**	**WALL**	**CONCRETE**	**CREAM**	**2.46**	**0.29**
226	**8/2/2016**	**15:16:44**	**CENTRAL NORTH**	**room D**	**WALL**	**CONCRETE**	**CREAM**	**2.26**	**0.26**
227	**8/2/2016**	**15:17:00**	**CENTRAL NORTH**	**room D**	**WALL**	**CONCRETE**	**CREAM**	**2.3**	**0.25**
228	**8/2/2016**	**15:17:13**	**CENTRAL NORTH**	**room D**	**WALL**	**CONCRETE**	**CREAM**	**2.46**	**0.28**
229	**8/2/2016**	**15:17:54**	**CENTRAL NORTH**	**room D**	**WALL**	**CONCRETE**	**CREAM**	**2.31**	**0.26**
230	8/2/2016	15:18:53	CENTRAL NORTH	room C	DOOR FRAME	METAL	WHITE	0	0
231	8/2/2016	15:19:15	CENTRAL NORTH	room C	DOOR FRAME	METAL	WHITE	0 07	0.03
232	8/2/2016	15:19:41	CENTRAL NORTH	room C	DOOR	METAL	WHITE	0 05	0.02
233	8/2/2016	15:19:57	CENTRAL NORTH	room C	DOOR	METAL	WHITE	0 05	0.02
234	8/2/2016	15:20:47	CENTRAL NORTH	room C	BUILT-IN	WOOD	WHITE	0 09	0.04
235	8/2/2016	15:21:43	CENTRAL NORTH	room C	BUILT-IN	WOOD	WHITE	0 07	0.03
236	8/2/2016	15:25:29	CENTRAL NORTH	room E	WALL	PLASTER	WHITE	0.2	0.05
237	8/2/2016	15:25:46	CENTRAL NORTH	room E	WALL	PLASTER	WHITE	0.19	0.05
238	8/2/2016	15:26:19	CENTRAL NORTH	room E	WALL	PLASTER	WHITE	0.2	0.05
239	8/2/2016	15:26:36	CENTRAL NORTH	room E	WALL	PLASTER	WHITE	0	0
240	8/2/2016	15:27:20	CENTRAL NORTH	room E	WALL	PLASTER	PINK	0	0.01
241	8/2/2016	15:28:06	CENTRAL NORTH	room E	TRIM	WOOD	WHITE	0 02	0.02
242	8/2/2016	15:28:34	CENTRAL NORTH	room E	DOOR FRAME	METAL	WHITE	0 09	0.04
243	**8/2/2016**	**15:29:27**	**CENTRAL NORTH**	**room E**	**WALL**	**PLASTER**	**RED**	**1**	**0.05**
244	8/2/2016	15:30:56	CENTRAL NORTH	room F	WALL	PLASTER	CREAM	0.12	0.04
245	8/2/2016	15:31:14	CENTRAL NORTH	room F	WALL	PLASTER	CREAM	0.16	0.05
246	8/2/2016	15:31:45	CENTRAL NORTH	room F	WALL	PLASTER	CREAM	0.1	0.04
247	8/2/2016	15:32:02	CENTRAL NORTH	room F	WALL	PLASTER	CREAM	0.12	0.04
248	8/2/2016	15:32:49	CENTRAL NORTH	room F	WALL	PLASTER	GREEN	0 04	0.02
249	8/2/2016	15:33:28	CENTRAL NORTH	room F	WALL	PLASTER	GREEN	0 02	0.01
250	8/2/2016	15:33:45	CENTRAL NORTH	room F	WALL	PLASTER	GREEN	0 04	0.02
251	8/2/2016	15:34:17	CENTRAL NORTH	room F	CEILING	PLASTER	GREEN	0 03	0.02
252	8/2/2016	15:37:04	CENTRAL NORTH	room G	WALL	PLASTER	GREEN	0 06	0.02
253	**8/2/2016**	**15:37:18**	**CENTRAL NORTH**	**room G**	**WALL**	**PLASTER**	**GREEN**	**1**	**0.05**
254	8/2/2016	15:37:40	CENTRAL NORTH	room G	WALL	PLASTER	GREEN	0.12	0.05
255	8/2/2016	15:38:12	CENTRAL NORTH	room G	CEILING	PLASTER	GREEN	0.11	0.03
256	8/2/2016	15:39:28	CENTRAL NORTH HALL	room G	WALL	PLASTER	YELLOW	0.15	0.04
257	8/2/2016	15:39:45	CENTRAL NORTH HALL	room G	WALL	PLASTER	YELLOW	0.13	0.05
258	8/2/2016	15:40:10	CENTRAL NORTH HALL	room G	WALL	PLASTER	YELLOW	0 08	0.03
259	8/2/2016	15:40:30	CENTRAL NORTH HALL	room G	WALL	PLASTER	YELLOW	0.13	0.05
260	8/2/2016	15:40:58	CENTRAL NORTH HALL	room G	WALL	METAL	RED	0 05	0.03
261	8/2/2016	15:41:31	CENTRAL NORTH HALL	room G	WALL	METAL	RED	0 02	0.02
262	8/2/2016	15:45:51	CENTRAL SOUTH	room A	WALL	PLASTER	WHITE	0 04	0.03
263	8/2/2016	15:46:10	CENTRAL SOUTH	room A	WALL	PLASTER	WHITE	0.11	0.04
264	8/2/2016	15:46:28	CENTRAL SOUTH	room A	WALL	PLASTER	WHITE	0 06	0.03
265	8/2/2016	15:46:49	CENTRAL SOUTH	room A	WALL	PLASTER	WHITE	0	0
266	**8/2/2016**	**15:47:09**	**CENTRAL SOUTH**	**room A**	**WALL**	**PLASTER**	**WHITE**	**1**	**0.05**
267	8/2/2016	15:47:28	CENTRAL SOUTH	room A	WALL	PLASTER	WHITE	0 01	0.01
268	**8/2/2016**	**15:47:45**	**CENTRAL SOUTH**	**room A**	**WALL**	**PLASTER**	**WHITE**	**1**	**0.05**
269	8/2/2016	15:48:23	CENTRAL SOUTH	room A	WALL	PLASTER	WHITE	0	0.01
270	8/2/2016	15:49:57	CENTRAL SOUTH	room B	WALL	PLASTER	WHITE	0 07	0.03
271	8/2/2016	15:50:14	CENTRAL SOUTH	room B	WALL	PLASTER	WHITE	0	0
272	8/2/2016	15:50:31	CENTRAL SOUTH	room B	WALL	PLASTER	WHITE	0 08	0.03
273	**8/2/2016**	**15:51:34**	**CENTRAL SOUTH**	**room B**	**WALL**	**PLASTER**	**WHITE**	**1**	**0.03**
274	**8/2/2016**	**15:52:03**	**CENTRAL SOUTH**	**room B**	**WALL**	**PLASTER**	**WHITE**	**1**	**0.05**
275	8/2/2016	15:52:20	CENTRAL SOUTH	room B	WALL	PLASTER	WHITE	0.14	0.07
276	8/2/2016	15:53:20	CENTRAL SOUTH	room B	WALL	PLASTER	WHITE	0.13	0.05
277	**8/2/2016**	**15:53:42**	**CENTRAL SOUTH**	**room B**	**WALL**	**PLASTER**	**WHITE**	**1**	**0.08**
278	8/2/2016	15:54:08	CENTRAL SOUTH	room B	WALL	PLASTER	WHITE	0.1	0.03
279	**8/2/2016**	**15:54:31**	**CENTRAL SOUTH**	**room B**	**WALL**	**PLASTER**	**WHITE**	**1**	**0.05**
280	8/2/2016	15:55:18	CENTRAL SOUTH	room B	WALL	PLASTER	WHITE	0 09	0.03
281	8/2/2016	15:55:37	CENTRAL SOUTH	room B	WALL	PLASTER	WHITE	0 22	0.05
282	**8/2/2016**	**15:55:54**	**CENTRAL SOUTH**	**room B**	**WALL**	**PLASTER**	**WHITE**	**1**	**0.06**
283	**8/2/2016**	**15:56:16**	**CENTRAL SOUTH**	**room B**	**WALL**	**PLASTER**	**WHITE**	**1**	**0.13**
284	8/2/2016	15:57:09	CENTRAL SOUTH	room B	WALL	PLASTER	WHITE	0.16	0.05
285	8/2/2016	15:57:31	CENTRAL SOUTH	room B	WALL	PLASTER	WHITE	0 07	0.03
286	8/2/2016	15:57:48	CENTRAL SOUTH	room B	WALL	PLASTER	WHITE	0.12	0.04
287	8/2/2016	15:58:09	CENTRAL SOUTH	room B	WALL	PLASTER	WHITE	0 04	0.03
288	8/2/2016	15:58:28	CENTRAL SOUTH	room B	WALL	PLASTER	WHITE	0.13	0.04
289	8/2/2016	15:58:49	CENTRAL SOUTH	room B	WALL	PLASTER	WHITE	0 07	0.03
290	8/2/2016	15:59:03	CENTRAL SOUTH	room B	WALL	PLASTER	WHITE	0 08	0.04
291	8/2/2016	15:59:37	CENTRAL SOUTH	room B	WALL	CONCRETE	PINK	0 06	0.01
292	**8/2/2016**	**16:00:18**	**CENTRAL SOUTH**	**room B**	**WALL**	**CONCRETE**	**PINK**	**1**	**0.01**
293	8/2/2016	16:02:07	CENTRAL SOUTH	room B	WALL	CONCRETE	PINK	0 06	0.01
294	8/2/2016	16:02:53	CENTRAL SOUTH	room B	WALL	CONCRETE	PINK	0 06	0.01

Table 3
Lead Based Paint Screening Results

Reading	Date	Time	Location	Room	Component	Substrate	Color	Lead mg/cm^2	(+/-) Error
295	8/2/2016	16:04:44	CENTRAL SOUTH	room B	WALL	CONCRETE	PINK	0.18	0.04
296	8/2/2016	16:05:28	CENTRAL SOUTH	room B	DOOR FRAME	METAL	WHITE	0	0
297	8/2/2016	16:05:52	CENTRAL SOUTH	room B	DOOR FRAME	METAL	WHITE	0 02	0.01
298	8/2/2016	16:06:22	CENTRAL SOUTH	room B	DOOR FRAME	METAL	WHITE	0 03	0.02
299	8/2/2016	16:06:50	CENTRAL SOUTH	room B	TRIM	WOOD	WHITE	0 04	0.02
300	8/2/2016	16:07:12	CENTRAL SOUTH	room B	TRIM	WOOD	WHITE	0 07	0.02
301	8/2/2016	16:15:41	CENTRAL SOUTH	room C	WALL	PLASTER	WHITE	0 24	0.08
302	8/2/2016	16:15:55	CENTRAL SOUTH	room C	WALL	PLASTER	WHITE	0.13	0.05
303	8/2/2016	16:16:14	CENTRAL SOUTH	room C	WALL	PLASTER	WHITE	0.11	0.04
304	8/2/2016	16:16:32	CENTRAL SOUTH	room C	WALL	PLASTER	WHITE	0.16	0.05
305	8/2/2016	16:16:58	CENTRAL SOUTH	room D	WALL	PLASTER	WHITE	0.14	0.04
306	8/2/2016	16:17:18	CENTRAL SOUTH	room D	WALL	PLASTER	WHITE	0.1	0.04
307	8/2/2016	16:18:01	CENTRAL SOUTH	room D	WALL	PLASTER	WHITE	0.12	0.03
308	8/2/2016	16:19:18	CENTRAL SOUTH	room E	WALL	PLASTER	LT BLUE	0 03	0.02
309	8/2/2016	16:19:35	CENTRAL SOUTH	room E	WALL	PLASTER	LT BLUE	0 04	0.03
310	8/2/2016	16:20:12	CENTRAL SOUTH	room E	WALL	PLASTER	LT BLUE	0 03	0.03
311	8/2/2016	16:21:32	CENTRAL SOUTH	room E	WALL	PLASTER	CREAM	0.14	0.04
312	8/2/2016	16:21:44	CENTRAL SOUTH	room E	WALL	PLASTER	CREAM	0.17	0.04
313	8/2/2016	16:22:23	CENTRAL SOUTH	room E	WALL	PLASTER	BLUE	0 06	0.03
314	8/2/2016	16:22:40	CENTRAL SOUTH	room E	WALL	PLASTER	BLUE	0 05	0.02
315	8/2/2016	16:23:03	CENTRAL SOUTH	room E	WALL	PLASTER	BLUE	0 04	0.02
316	8/2/2016	16:23:26	CENTRAL SOUTH	room E	WALL	PLASTER	BLUE	0 22	0.06
317	8/2/2016	16:23:41	CENTRAL SOUTH	room E	WALL	PLASTER	BLUE	0.1	0.03
318	8/2/2016	16:24:22	CENTRAL SOUTH	room E	DOOR FRAME	METAL	BLUE	0 03	0.02
319	8/2/2016	16:25:45	CENTRAL SOUTH	room F	WALL	PLASTER	WHITE	0 05	0.02
320	8/2/2016	16:26:00	CENTRAL SOUTH	room F	WALL	PLASTER	WHITE	0 08	0.03
321	8/2/2016	16:26:15	CENTRAL SOUTH	room F	WALL	PLASTER	WHITE	0 01	0.02
322	8/2/2016	16:26:33	CENTRAL SOUTH	room F	WALL	PLASTER	WHITE	0 08	0.04
323	8/2/2016	16:27:36	CENTRAL SOUTH	room H	WALL	PLASTER	WHITE	0 06	0.03
324	8/2/2016	16:27:51	CENTRAL SOUTH	room H	WALL	PLASTER	WHITE	0.14	0.05
325	8/2/2016	16:28:10	CENTRAL SOUTH	room H	WALL	PLASTER	WHITE	0 07	0.03
326	8/2/2016	16:28:44	CENTRAL SOUTH	room I	WALL	PLASTER	WHITE	0 08	0.03
327	8/2/2016	16:28:58	CENTRAL SOUTH	room I	WALL	PLASTER	WHITE	0 04	0.02
328	8/2/2016	16:29:12	CENTRAL SOUTH	room I	WALL	PLASTER	WHITE	0 06	0.03
329	8/2/2016	16:29:30	CENTRAL SOUTH	room I	WALL	PLASTER	WHITE	0 03	0.02
330	8/2/2016	16:29:46	CENTRAL SOUTH	room I	WALL	PLASTER	WHITE	0 07	0.04
331	8/2/2016	16:30:01	CENTRAL SOUTH	room I	WALL	PLASTER	WHITE	0 04	0.02
332	8/2/2016	16:30:23	CENTRAL SOUTH	room I	WALL	PLASTER	WHITE	0 02	0.02
333	8/2/2016	16:30:37	CENTRAL SOUTH	room I	WALL	PLASTER	WHITE	0.13	0.05
334	8/2/2016	16:30:50	CENTRAL SOUTH	room I	WALL	PLASTER	WHITE	0 07	0.03
335	8/2/2016	16:31:05	CENTRAL SOUTH	room I	WALL	PLASTER	WHITE	0 01	0.01
336	8/2/2016	16:31:22	CENTRAL SOUTH	room I	WALL	PLASTER	WHITE	0 07	0.03
337	8/2/2016	16:31:51	CENTRAL SOUTH	room I	TRIM	WOOD	WHITE	0 03	0.03
338	8/2/2016	16:32:17	CENTRAL SOUTH	room I	DOOR FRAME	WOOD	WHITE	0 03	0.03
339	8/2/2016	16:32:31	CENTRAL SOUTH	room I	DOOR FRAME	WOOD	WHITE	0 02	0.02
340	8/2/2016	16:32:55	CENTRAL SOUTH	room I	DOOR FRAME	WOOD	WHITE	0 07	0.03
341	8/2/2016	16:33:43	CENTRAL SOUTH HALLWAY	room I	WALL	PLASTER	YELLOW	0.16	0.04
342	8/2/2016	16:34:05	CENTRAL SOUTH HALLWAY	room I	WALL	PLASTER	YELLOW	0.13	0.04
343	8/2/2016	16:34:23	CENTRAL SOUTH HALLWAY	room I	WALL	PLASTER	YELLOW	0.1	0.03
344	8/2/2016	16:34:46	CENTRAL SOUTH HALLWAY	room I	WALL	PLASTER	YELLOW	0 08	0.02
345	8/2/2016	16:35:56	CENTRAL SOUTH HALLWAY	room I	WALL	PLASTER	YELLOW	0.16	0.05
346	8/2/2016	16:36:16	CENTRAL SOUTH HALLWAY	room I	WALL	PLASTER	YELLOW	0.12	0.03
348	8/2/2016	17:30:23	EXTERIOR	N/A	DOOR	METAL	BROWN	0	0
349	8/2/2016	17:31:21	EXTERIOR	N/A	BUILT-IN	WOOD	BROWN	0 03	0.02
350	8/2/2016	17:31:58	EXTERIOR	N/A	DOOR	METAL	BROWN	0 03	0.02
351	8/2/2016	17:32:45	EXTERIOR	N/A	DOOR	METAL	BLUE	0 53	0.06
352	8/2/2016	17:33:30	EXTERIOR	N/A	DOOR	METAL	BROWN	0	0
353	8/2/2016	17:34:33	EXTERIOR	N/A	DOOR	WOOD	BROWN	0	0
354	8/2/2016	17:35:05	EXTERIOR	N/A	WALL	WOOD	GRAY	0	0
355	8/2/2016	17:35:23	EXTERIOR	N/A	WALL	WOOD	GRAY	0	0
356	8/2/2016	17:36:08	EXTERIOR	N/A	TRIM	WOOD	WHITE	0	0
357	8/2/2016	17:37:08	EXTERIOR	N/A	WALL	WOOD	DK BROWN	0	0

APPENDIX A
PHOTOGRAPH LOG

PHOTOGRAPH LOG

Project Name:	Site Location:	Project No.
South Campus MT State Training School – X Dormitory #6	Boulder, MT	0003/1808-05

Photo No. 1	Date: 06/23/2016

Description:

Front view of Building #6. All brick exterior and no LBP present.

Photo No. 2	Date: 08/02/2016

Description:

Potential PCB-containing ballast observed.

PHOTOGRAPH LOG

Project Name:	Site Location:	Project No.
South Campus MT State Training School – X Dormitory #6	Boulder, MT	0003/1808-05

Photo No.	Date:
3	08/02/2016

Description:

Confirmed ACM samples 6W-FT07-011 and 6W-FT08-012.

Photo No.	Date:
4	08/02/2016

Description:
Confirmed ACM sample 6W-LN01-013.

PHOTOGRAPH LOG

Project Name:	Site Location:	Project No.
South Campus MT State Training School – X Dormitory #6	Boulder, MT	0003/1808-05

Photo No.	Date:
5	08/02/2016

Description:

Confirmed ACM samples 6W-FT10-024 and 6W-FT11-025.

Photo No.	Date:
6	08/02/2016

Description:

Confirmed ACM sample 6E-FT01-027.

PHOTOGRAPH LOG

Project Name:	Site Location:	Project No.
South Campus MT State Training School – X Dormitory #6	Boulder, MT	0003/1808-05

Photo No.	Date:
7	08/02/2016

Description:

Confirmed ACM samples 6E-FT03-031 and 6E-FT04-032.

Photo No.	Date:
8	08/02/2016

Description:

Some of the algae present in the north bathroom. Glazing on aqua tile is also leaded.

PHOTOGRAPH LOG

Project Name:	Site Location:	Project No.
South Campus MT State Training School – X Dormitory #6	Boulder, MT	0003/1808-05

Photo No. 9	Date: 08/02/2016

Description:

Another room with algae and water damage to ACM vinyl floor tiles.

Photo No. 10	Date: 08/02/2016

Description:

North hallway with water damage to walls and ACM vinyl floor tiles.

PHOTOGRAPH LOG

Project Name:	Site Location:	Project No.
South Campus MT State Training School – X Dormitory #6	Boulder, MT	0003/1808-05

Photo No.	Date:
11	08/02/2016

Description:

Confirmed ACM samples 6E-FT07-040 and 6E-FT08-041.

Photo No.	Date:
12	08/02/2016

Description:

One of the ceiling tile scenarios. Upper tile is stapled to the joists and a suspended ceiling is below that.

PHOTOGRAPH LOG

Project Name:	Site Location:	Project No.
South Campus MT State Training School – X Dormitory #6	Boulder, MT	0003/1808-05

Photo No. 13	Date: 08/02/2016

Description:

Confirmed ACM samples 6C-FT02-047 and 6C-FT03-048.

Photo No. 14	Date: 08/02/2016

Description:

Confirmed ACM sample 6C-FT04-050.

PHOTOGRAPH LOG

Project Name:	Site Location:	Project No.
South Campus MT State Training School – X Dormitory #6	Boulder, MT	0003/1808-05

Photo No.	Date:
15	08/02/2016

Description:

Confirmed ACM sample 6C-FT06-054.

Photo No.	Date:
16	08/02/2016

Description:

Confirmed ACM sample 6C-FT07-055.

PHOTOGRAPH LOG

Project Name:	Site Location:	Project No.
South Campus MT State Training School – X Dormitory #6	Boulder, MT	0003/1808-05

Photo No. 17	Date: 08/02/2016

Description:

Confirmed ACM sample 6C-FT08-056.

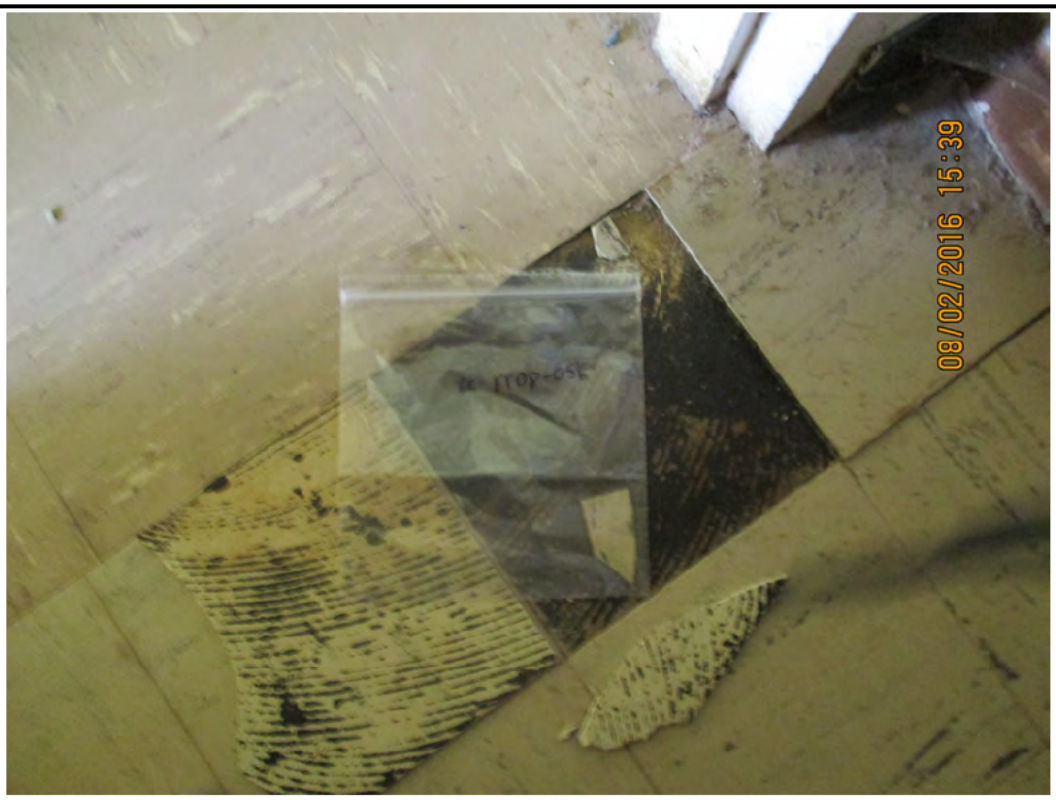

Photo No. 18	Date: 08/02/2016

Description:

Confirmed ACM sample 6C-FT09-058.

PHOTOGRAPH LOG

Project Name:	Site Location:	Project No.
South Campus MT State Training School – X Dormitory #6	Boulder, MT	0003/1808-05

Photo No.	Date:
19	08/02/2016

Description:

Confirmed ACM sample 6C-FT10-065.

Photo No.	Date:
20	08/02/2016

Description:

Johns-Manville Asbestocel 4" pipe wrap observed above the main hallway.

Project Name:	Site Location:	Project No.
South Campus MT State Training School – X Dormitory #6	Boulder, MT	0003/1808-05

Photo No.	Date:
21	08/02/2016

Description:

Transformer cage in the basement with caution PCBs sign.

Photo No.	Date:
22	08/02/2016

Description:

Transformer in the cage. Appears to be leaking dielectric fluid.

Project Name:	Site Location:	Project No.
South Campus MT State Training School – X Dormitory #6	Boulder, MT	0003/1808-05

Photo No. 23	Date: 08/02/2016

Description:

Piping in the basement. Fiberglass insulation present on pipe runs and no fitting insulation. Opening straight ahead goes to the steam tunnel.

Photo No. 24	Date: 08/02/2016

Description:

Boiler with no jacket in the basement.

PHOTOGRAPH LOG

Project Name:	Site Location:	Project No.
South Campus MT State Training School – X Dormitory #6	Boulder, MT	0003/1808-05

Photo No.	Date:
25	08/02/2016

Description:

In the steam tunnel. Mostly fiberglass insulation on the runs but had some cementitious fittings in the vault below the manhole.

Photo No.	Date:
26	08/02/2016

Description:

Standing on the manhole vault of the steam tunnel. Tunnel goes underneath the sidewalk from the building.

PHOTOGRAPH LOG

Project Name:	Site Location:	Project No.
South Campus MT State Training School – X Dormitory #6	Boulder, MT	0003/1808-05

Photo No.	Date:
27	10/26/2018

Description:

Gray ACM caulking is present behind the rubberized caulking.

APPENDIX B
LABORATORY REPORTS

REI LAB **Reservoirs Environmental, Inc.**

August 25, 2016

Subcontract Number: **NA**
Laboratory Report: **RES 357349-2**
Project # / P.O. # **003/1605-19**
Project Description: **South Campus Building 6**

Greg Geras
Weston Solutions, Inc. (CO)
1435 Garrison St. Ste. 100
Lakewood CO 80215

Dear Customer,

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of Industrial Hygiene and Environmental matrices by the National Voluntary Laboratory Accreditation Program (NVLAP), Lab Code 101896-0 for Transmission Electron Microscopy (TEM) and Polarized Light Microscopy (PLM) analysis and the American Industrial Hygiene Association (AIHA), Lab ID 101533 - Accreditation Certificate #480 for Phase Contrast Microscopy (PCM) analysis. This laboratory is currently proficient in both Proficiency Testing and PAT programs respectively.

Reservoirs Environmental, Inc. has analyzed the following samples for asbestos content as per your request. The analysis has been completed in general accordance with the appropriate methodology as stated in the attached analysis table. The results have been submitted to your office.

RES 357349-2 is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those of the client. The results described in this report only apply to the samples analyzed. This report must not be used to claim endorsement of products or analytical results by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without written approval from Reservoirs Environmental, Inc. Samples will be disposed of after sixty days unless longer storage is requested. If you have any questions about this report, please feel free to call 303-964-1986.

Sincerely,

Elisa Mari for

Jeanne Spencer
President

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

TABLE: PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

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Method: **EPA 600/R-93/116 - Point Count, Bulk**
Turnaround: **3-5 Day**
Date Samples Analyzed:

ND=None Detected
TR=Trace, <1% Visual Estimate
Trem/Act=Tremolite/Actinolite

Client Sample Number	Lab ID Number	LAYER	Physical Description	Sub Part (%)	Asbestos Content: Mineral	Asbestos Content: Visual Estimate (%)	Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
6W-FT01-001	EM 1683428	A	Black mastic	3	**Chrysotile**	**15**	0	85
		B	Green tile	97	**Chrysotile**	**15**	0	85
6W-FT02-002	EM 1683429	A	Black mastic	2	**Chrysotile**	**15**	0	85
		B	Greenish white/green tile	98	**Chrysotile**	**15**	0	85
6W-FT03-003	EM 1683430	A	Light tan mastic w/ black mastic	4	**Chrysotile**	**5**	0	95
					Point Count	**3.50**		
		B	Red tile	96		**ND**	0	100
6W-PL01-004	EM 1683431	A	Light gray granular plaster	45		**ND**	TR	100
		B	Grayish white granular plaster w/ white/multi-layered paint	55		**ND**	0	100
6W-CT01-005	EM 1683432	A	White/light gray ceiling tile	100		**ND**	55	45
6W-CT02-006	EM 1683433	A	White/light tan ceiling tile	100		**ND**	85	15
6W-FT04-007	EM 1683434	A	Black mastic w/ light tan mastic	3	**Chrysotile**	**6**	0	94
		B	Brown tile	97	**Chrysotile**	**12**	0	88

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Client Sample Number	Lab ID Number	LAYER	Physical Description	Sub Part (%)	Asbestos Content: Mineral	Asbestos Content: Visual Estimate (%)	Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
6W-FT05-008	EM 1683435	A	Black mastic w/ light tan mastic	4		**ND**	TR	100
		B	Beige tile	96		**ND**	5	95
6W-PL01-009	EM 1683436	A	Grayish white granular plaster w/ off white/multi-layered paint	20		**ND**	0	100
		B	Light gray granular plaster	80		**ND**	TR	100
6W-FT06-010	EM 1683437	A	Black mastic	4		**ND**	5	95
		B	Yellow tile	96		**ND**	0	100
6W-FT07-011	EM 1683438	A	Black mastic	3	**Chrysotile**	**15**	0	85
		B	Brown tile	97	**Chrysotile**	**15**	0	85
6W-FT08-012	EM 1683439	A	Black mastic	3	**Chrysotile**	**12**	0	88
		B	Light blue tile	97	**Chrysotile**	**10**	0	90
6W-LN01-013	EM 1683440	A	Black mastic w/ light gray mastic	4	**Chrysotile**	**8**	0	92
		B	Light gray/white flooring w/ light gray fibrous backing material	96	**Chrysotile**	**25**	5	70

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6W-FC01-014	EM 1683441	A	Light gray granular plaster	4		**ND**	0	100
		B	Dark pink granular flooring material	96		**ND**	0	100
6W-PL01-015	EM 1683442	A	Light gray granular plaster w/ off white multi-layered paint	100		**ND**	0	100
6W-BB01-016	EM 1683443	A	Yellow resinous material w/ fibrous debris	7		**ND**	12	88
		B	Light gray granular plaster	33		**ND**	0	100
		C	Light gray granular plaster w/ gray/multi-layered paint	60		**ND**	0	100
6W-FT09-017	EM 1683444	A	Off white mastic	1		**ND**	0	100
		B	Beige/white tile	99		**ND**	0	100
6W-CT03-018	EM 1683445	A	White/gray ceiling tile	100		**ND**	70	30
6W-PL01-019	EM 1683446	A	Light gray granular plaster	35		**ND**	TR	100
		B	Light gray granular plaster w/ off white/multi-layered paint	65		**ND**	0	100

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6W-PL01-020	EM 1683447	A	Light gray granular plaster	45		**ND**	0	100
		B	Grayish white granular plaster w/ white paint	55		**ND**	0	100
6W-PI01-021	EM 1683448	A	Off white mud insulation w/ white paint	100		**ND**	16	84
6W-PI02-022	EM 1683449	A	Light gray fibrous insulation w/ light pink painted wrap	100	**Chrysotile**	**80**	10	10
6W-PL01-023	EM 1683450	A	Grayish white granular plaster w/ pinkish white paint	30		**ND**	0	100
		B	Light gray granular plaster	70		**ND**	TR	100
6W-FT10-024	EM 1683451	A	Black mastic	2	**Chrysotile**	**20**	0	80
		B	Light green tile	98	**Chrysotile**	**10**	0	90
6W-FT11-025	EM 1683452	A	Black mastic	3	**Chrysotile**	**15**	0	85
		B	Yellow tile	97	**Chrysotile**	**15**	0	85
6W-PL01-026	EM 1683453	A	Light gray granular plaster w/ light yellow paint	15		**ND**	0	100
		B	Light gray granular plaster	85		**ND**	TR	100

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6E-FT01-027	EM 1683454	A	Black mastic	8	**Chrysotile**	**15**	5	80
		B	Beige tile	92		**ND**	0	100
6E-PL01-028	EM 1683455	A	Grayish white granular plaster	8		**ND**	0	100
		B	Light gray granular plaster	92		**ND**	TR	100
6E-FT02-029	EM 1683456	A	Black mastic	2	**Chrysotile**	**15**	0	85
		B	Brown tile	98	**Chrysotile**	**15**	0	85
6E-PL01-030	EM 1683457	A	Grayish white granular plaster w/ off white paint	20		**ND**	0	100
		B	Light gray granular plaster	80		**ND**	TR	100
6E-FT03-031	EM 1683458	A	Black mastic	5	**Chrysotile**	**15**	0	85
		B	Light blue tile	95	**Chrysotile**	**12**	0	88
6E-FT04-032	EM 1683459	A	Black mastic	5	**Chrysotile**	**15**	0	85
		B	Brown tile	95	**Chrysotile**	**15**	0	85

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6E-PL01-033	EM 1683460	A	White compound w/ light blue paint	15		**ND**	0	100
		B	Light gray granular plaster	20		**ND**	TR	100
		C	Gray granular plaster	30		**ND**	0	100
		D	Grayish white granular plaster w/ light pink paint	35		**ND**	0	100
6E-FT05-034	EM 1683461	A	Black mastic	8	**Chrysotile**	**10**	5	85
		B	Light beige tile	92		**ND**	5	95
6E-PL01-035	EM 1683462	A	Grayish white granular plaster w/ off white/multi-layered paint	15		**ND**	0	100
		B	Light gray granular plaster	85		**ND**	TR	100
6E-PL01-036	EM 1683463	A	Grayish white granular plaster w/ white/multi-layered paint	10		**ND**	0	100
		B	Light gray granular plaster	90		**ND**	TR	100

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6E-FT06-037	EM 1683464	A	Black mastic w/ white material	3	**Chrysotile**	**15**	0	85
		B	Brown tile	97	**Chrysotile**	**12**	0	88
6E-PL01-038	EM 1683465	A	Grayish white granular plaster	8		**ND**	0	100
		B	Light gray granular plaster	92		**ND**	TR	100
6E-BB01-039	EM 1683466	A	Brown mastic	4		**ND**	0	100
		B	Black cove base	96		**ND**	0	100
6E-FT07-040	EM 1683467	A	Black mastic	2	**Chrysotile**	**15**	0	85
		B	Light green tile	98	**Chrysotile**	**10**	0	90
6E-FT08-041	EM 1683468	A	Black mastic	3	**Chrysotile**	**15**	0	85
		B	Yellow tile	97	**Chrysotile**	**10**	0	90

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6E-PL01-042	EM 1683469	A	White/yellow paint w/ white compound	2		**ND**	0	100
		B	Grayish white granular plaster w/ pink/multi-layered paint	7		**ND**	0	100
		C	Light gray granular plaster	91		**ND**	TR	100
6E-FT09-043	EM 1683470	A	Black mastic	5	**Chrysotile**	**10**	TR	90
		B	Beige tile	95		**ND**	5	95
6E-CT01-044	EM 1683471	A	White/light gray ceiling tile	100		**ND**	50	50
6E-CT02-045	EM 1683472	A	White/tan fiberboard ceiling tile	100		**ND**	85	15
6C-FT01-046	EM 1683473	A	Black mastic	2	**Chrysotile**	**15**	0	85
		B	Red tile	98	**Chrysotile**	**10**	0	90
6C-FT02-047	EM 1683474	A	Black mastic	2	**Chrysotile**	**20**	0	80
		B	Gray tile	98	**Chrysotile**	**12**	0	88
6C-FT03-048	EM 1683475	A	Black mastic w/ light tan mastic	2	**Chrysotile**	**20**	0	80
		B	Dark green tile	98	**Chrysotile**	**20**	0	80

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Client Sample Number	Lab ID Number	LAYER	Physical Description	Sub Part (%)	Asbestos Content: Mineral	Asbestos Content: Visual Estimate (%)	Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
6C-PL01-049	EM 1683476	A	Grayish white granular plaster w/ white multi-layered paint	30		**ND**	0	100
		B	Light gray granular plaster	70		**ND**	TR	100
6C-FT04-050	EM 1683477	A	Black mastic	6	**Chrysotile**	**15**	0	85
		B	Off white/black tile	94	**Chrysotile**	**10**	0	90
6C-PL01-051	EM 1683478	A	Grayish white granular plaster w/ white multi-layered paint	45		**ND**	0	100
		B	Light gray granular plaster	55		**ND**	TR	100
6C-WL01-052	EM 1683479	A	Brown mastic	3		**ND**	5	95
		B	Red/dark pink flooring w/ green/gray felt backing material	97		**ND**	30	70

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6C-FT05-053	EM 1683480	A	Orange brick material	2		**ND**	0	100
		B	White plaster	3		**ND**	0	100
		C	Gray granular cementitious material	45		**ND**	0	100
		D	Dark pink granular flooring material	50		**ND**	0	100
6C-FT06-054	EM 1683481	A	Black mastic	2	**Chrysotile**	**20**	0	80
		B	Light tan tile	98	**Chrysotile**	**10**	0	90
6C-FT07-055	EM 1683482	A	Black mastic w/ light pink material	10	**Chrysotile**	**4**	TR	96
					Point Count	**3.00**		
		B	Beige tile	90		**ND**	5	95
6C-FT08-056	EM 1683483	A	Black mastic	4	**Chrysotile**	**20**	0	80
		B	Off white tile	96	**Chrysotile**	**10**	0	90

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6C-PL01-057	EM 1683484	A	Grayish white granular plaster w/ yellow/multi-layered paint	30		**ND**	0	100
		B	Light gray granular plaster	70		**ND**	TR	100
6C-FT09-058	EM 1683485	A	Black mastic	7	**Chrysotile**	**2**	TR	98
					Point Count	**1.50**		
		B	Beige/light tan tile	93		**ND**	0	100
6C-DW01-059	EM 1683486	A	White/tan drywall w/ white paint	100		**ND**	25	75
6C-PL01-060	EM 1683487	A	Light gray granular plaster	7		**ND**	TR	100
		B	Grayish white granular plaster w/ white multi-layered paint	93		**ND**	0	100
6C-PL01-061	EM 1683488	A	Light gray granular plaster	8		**ND**	0	100
		B	Grayish white granular plaster w/ yellow/multi-layered paint	92		**ND**	0	100
6C-DI01-062	EM 1683489	A	White perlitic insulation plaster w/ brown wood debris	100		**ND**	6	94

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6C-CB01-063	EM 1683490	A	Black slate rock material	100		**ND**	0	100
6C-PL01-064	EM 1683491	A	Light gray granular plaster w/ light blue paint	20		**ND**	0	100
		B	Light gray granular plaster	80		**ND**	TR	100
6C-FT10-065	EM 1683492	A	Black mastic	2	**Chrysotile**	**15**	0	85
		B	Gray tile	98	**Chrysotile**	**10**	0	90
6C-PL01-066	EM 1683493	A	Light gray granular plaster	18		**ND**	0	100
		B	White plaster w/ greenish white/multi-layered paint	82		**ND**	0	100
6C-FT11-067	EM 1683494	A	Black mastic	2	**Chrysotile**	**20**	0	80
		B	Yellow tile	98	**Chrysotile**	**12**	0	88
6C-PL02-068	EM 1683495	A	Light gray granular plaster	48		**ND**	0	100
		B	White plaster w/ light green paint	52		**ND**	0	100

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6C-PL02-069	EM 1683496	A	Off white compound	10	**Chrysotile**	**2**	0	98
					Point Count	**1.25**		
		B	White plaster w/ light green paint	35		**ND**	0	100
		C	Light gray granular plaster	55		**ND**	0	100
6C-PL02-070	EM 1683497	A	White plaster w/ light green paint	45		**ND**	0	100
		B	Light gray granular plaster	55		**ND**	TR	100
6C-CT01-071	EM 1683498	A	Brown mastic	5		**ND**	TR	100
		B	White/gray drywall	15		**ND**	55	45
		C	White/light gray ceiling tile	80		**ND**	50	50
6C-PI01-072	EM 1683499	A	Light gray fibrous insulation	10	**Chrysotile**	**5**	80	15
					Point Count	**7.00**		
		B	Light gray fibrous multi-layered insulation	90	**Chrysotile**	**TR**	85	15
					Point Count	**<0.25**		

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

TABLE: PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 357349-2**
Client: **Weston Solutions, Inc. (CO)**
Client Project Number / P.O.: **003/1605-19**
Client Project Description: **South Campus Building 6**
Date Samples Received: **August 04, 2016**
Method: **EPA 600/R-93/116 - Point Count, Bulk**
Turnaround: **3-5 Day**
Date Samples Analyzed:

ND=None Detected
TR=Trace, <1% Visual Estimate
Trem/Act=Tremolite/Actinolite

Client Sample Number	Lab ID Number	LAYER	Physical Description	Sub Part (%)	Asbestos Content: Mineral	Asbestos Content: Visual Estimate (%)	Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
6E-PI02-073	EM 1683500	A	Grayish white fibrous insulation w/ gray fibrous woven wrap	100	**Chrysotile**	**8**	20	70
					Amosite	**2**		

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

Michael Scales

Analyst / Data QA

Due Date: 8-9-11
Due Time: _____

REI LAB Reservoirs Environmental, Inc.

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RES 357349

After Hours Cell Phone: 720-339-9228

INVOICE TO: (IF DIFFERENT)

Company:	Weston Solutions
Address:	1435 Garrison Street
	Suite 100
	Lakewood CO, 80211
Project Number and/or P.O. #:	003/1605-19
Project Description/Location:	South Campus Building 6

Company:	
Address:	

CONTACT INFORMATION:

Contact:	Greg Geras
Phone:	
Email:	greg.geras@westonsolutions.com
Cell/pager:	303-801-7470
Final Data Deliverable Email Address:	

Contact:	
Phone:	
Fax:	
Cell/pager:	

ASBESTOS LABORATORY HOURS: Weekdays: 7am - 7pm

PLM / PCM / TEM ___ RUSH (Same Day) ___ PRIORITY (Next Day) X STANDARD
(Rush PCM = 2hr, TEM = 6hr.)

CHEMISTRY LABORATORY HOURS: Weekdays: 8am - 5pm

Metal(s) / Dust	___ RUSH ___ 24 hr. ___3-5 Day	**Prior notification is required for RUSH turnarounds.**
RCRA 8 / Metals & Welding Fume Scan / TCLP	___ RUSH ___ 5 day ___10 day	
Organics	___ 24 hr. ___ 3 day ___5 Day	

MICROBIOLOGY LABORATORY HOURS: Weekdays: 9am - 6pm

E.coli O157:H7, Coliforms, S.aureus	___ 24 hr. ___2 Day ___3-5 Day
Salmonella, Listeria, E.coli, APC, Y & M	___ 48 Hr. ___3-5 Day
Mold	___ RUSH ___24 Hr ___48 Hr ___3 Day ___5 Day

Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.

Special Instructions:

REQUESTED ANALYSIS

Client sample ID number (Sample ID's must be unique)	PLM - Short report, Long report, Point Count	TEM - AHERA, Level II, 7402, ISO, +/-, Quant, Semi-quant, Micro-vac, ISO-Indirect Preps	PCM - 7400A, 7400B, OSHA	DUST - Total, Respirable	METALS - Analyte(s) RCRA 8, TCLP, Welding Fume, Metals Scan	ORGANICS - METH	MICROBIOLOGY: Salmonella: +/-	E.coli O157:H7: +/-	Listeria: +/-	Aerobic Plate Count: +/- or Quantification	E.coli: +/- or Quantification	Coliforms: +/- or Quantification	S.aureus: +/- or Quantification	Y & M: +/- or Quantification	Mold: +/- , Identification , Quantification	SAMPLER'S INITIALS OR OTHER NOTES	Sample Volume (L) / Area	Matrix Code	# Containers	Date Collected mm/dd/yy	Time Collected hh/mm a/p	EM Number (Laboratory Use Only)
1 6W-FT01-001	X																	B		8/2/16		1683429 9
2 6W-FT02-002	X																	B		8/2/16		30
3 6W-FT03-003	X																	B		8/2/16		1
4 6W-PL01-004	X																	B		8/2/16		2
5 6W-CT01-005	X																	B		8/2/16		3
6 6W-CT02-006	X																	B		8/2/16		4
7 6W-FT04-007	X																	B		8/2/16		5
8 6W-FT05-008	X																	B		8/2/16		6
9 6W-PL01-009	X																	B		8/2/16		7
10 6W-FT06-010	X																	B		8/2/16		

VALID MATRIX CODES

Air = A	Bulk = B
Dust = D	Paint = P
Soil = S	Wipe = W
Swab = SW	F = Food
Drinking Water = DW	Waste Water = WW
O = Other	

ASTM E1792 approved wipe media only

LAB NOTES:

Number of samples received: _____ (Additional samples shall be listed on attached long form.)

NOTE: REI will analyze incoming samples based upon information received and will not be responsible for errors or omissions in calculations resulting from the inaccuracy of original data. By signing client/company representative agrees that submission of the following samples for requested analysis as indicated on this Chain of Custody shall constitute an analytical services agreement with payment terms of NET 30 days, failure to comply with payment terms may result in a 1.5% monthly interest surcharge.

Relinquished By: Elisa Mui Date/Time: 8/3/16 0920

Sample Condition: Temp. (F°) _____ On Ice Yes / No Sealed Yes / No Intact Yes / No

Laboratory Use Only

Received By: Date/Time: 8.4.16 11 Carrier: FD

Results:	Contact	Phone Email Fax	Date	Time	Initials
	Contact	Phone Email Fax	Date	Time	Initials

Contact	Phone Email Fax	Date	Time	Initials	
Contact	Phone Email Fax	Date	Time	Initials	

REI LAB **Reservoirs Environmental, Inc.**
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RES Job #_____ Page 2 of 4

Submitted by: **Joseph Rudi**

REQUESTED ANALYSIS

Client sample ID number (Sample ID's must be unique)	PLM - Short report, Long report, Point Count	TEM - AHERA, Level II, 7402, ISO, +/-, Quant, Semi-quant, Micro-vac, ISO-Indirect Preps	PCM - 7400A, 7400B, OSHA	DUST - Total, Respirable	METALS - Analyte(s) RCRA 8, TCLP, Welding Fume, Metals Scan	ORGANICS - METH	MICROBIOLOGY: Salmonella: +/-	MICROBIOLOGY: E.coli O157:H7: +/-	MICROBIOLOGY: Listeria: +/-	MICROBIOLOGY: Aerobic Plate Count: +/- or Quantification	MICROBIOLOGY: E.coli: +/- or Quantification	MICROBIOLOGY: Coliforms: +/- or Quantification	MICROBIOLOGY: S.aureus: +/- or Quantification	MICROBIOLOGY: Y & M: +/- or Quantification	MICROBIOLOGY: Mold: +/- or Quantification	OTHER -	Sample Volume (L) / Area	Matrix Code	# Containers	Date Collected mm/dd/yy	Time Collected hh/mm a/p	EM Number (Laboratory Use Only)
11 6W-FT07-011	X																	B		8/2/16		1693439
12 6W-FT08-012	X																	B		8/2/16		50-NM75978
13 6W-LN01-013	X																	B		8/2/16		
14 6W-FC01-014	X																	B		8/2/16		
15 6W-PL01-015	X																	B		8/2/16		
16 6W-BB01-016	X																	B		8/2/16		
17 6W-FT09-017	X																	B		8/2/16		
18 6W-CT03-018	X																	B		8/2/16		
19 6W-PL01-019	X																	B		8/2/16		
20 6W-PL01-020	X																	B		8/2/16		
21 6W-PI01-021	X																	B		8/2/16		
22 6W-PI02-022	X																	B		8/2/16		
23 6W-PL01-023	X																	B		8/2/16		
24 6W-FT10-024	X																	B		8/2/16		
25 6W-FT11-025	X																	B		8/2/16		
26 6W-PL01-026	X																	B		8/2/16		
27 6E-FT01-027	X																	B		8/2/16		
28 6E-PL01-028	X																	B		8/2/16		
29 6E-FT02-029	X																	B		8/2/16		
30 6E-PL01-030	X																	B		8/2/16		
31 6E-FT03-031	X																	B		8/2/16		
32 6E-FT04-032	X																	B		8/2/16		
33 6E-PL01-033	X																	B		8/2/16		
34 6E-FT05-034	X																	B		8/2/16		
35 6E-PL01-035	X																	B		8/2/16		
36 6E-PL01-036	X																	B		8/2/16		
37 6E-FT06-037	X																	B		8/2/16		
38 6E-PL01-038	X																	B		8/2/16		
39 6E-BB01-039	X																	B		8/2/16		
40 6E-FT07-040	X																	B		8/2/16		
41 6E-FT08-041	X																	B		8/2/16		

VALID MATRIX CODES

Air = A	Bulk = B
Dust = D	Paint = P
Soil = S	Wipe = W
Swab = SW	F = Food
Drinking Water = DW	Waste Water = WW
O = Other	

ASTM E1792 approved wipe media only

LAB NOTES:

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REI LAB

RES Job # 3573419 Page 3 of 4

Submitted by: **Joseph Rudi**

Client sample ID number (Sample ID's must be unique)		REQUESTED ANALYSIS: PLM - Short report, Long report, Point Count	TEM - AHERA, Level II, 7402, ISO, +/-, Quant, Semi-quant, Micro-vac, ISO-Indirect Preps	PCM - 7400A, 7400B, OSHA	DUST - Total, Respirable	METALS - Analyte(s) RCRA 8, TCLP, Welding Fume, Metals Scan	ORGANICS - METH	MICROBIOLOGY: Salmonella: +/-	MICROBIOLOGY: E.coli O157:H7: +/-	MICROBIOLOGY: Listeria: +/-	MICROBIOLOGY: Aerobic Plate Count: +/- or Quantification	MICROBIOLOGY: E.coli: +/- or Quantification	MICROBIOLOGY: Coliforms: +/- or Quantification	MICROBIOLOGY: S.aureus: +/- or Quantification	MICROBIOLOGY: Y & M: +/- or Quantification	MICROBIOLOGY: Mold: +/- or Quantification	OTHER -	Sample Volume (L) / Area	Matrix Code	# Containers	Date Collected mm/dd/yy	Time Collected hh/mm a/p	EM Number (Laboratory Use Only)
42	6E-PL01-042	X																	B		8/2/16		1683469
43	6E-FT09-043	X																	B		8/2/16		70
44	6E-CT01-044	X																	B		8/2/16		1
45	6E-CT02-045	X																	B		8/2/16		2
46	6C-FT01-046	X																	B		8/2/16		3
47	6C-FT02-047	X																	B		8/2/16		4
48	6C-FT03-048	X																	B		8/2/16		5
49	6C-PL01-049	X																	B		8/2/16		6
50	6C-FT04-050	X																	B		8/2/16		7
51	6C-PL01-051	X																	B		8/2/16		8
52	6C-WL01-052	X																	B		8/2/16		9
53	6C-FT05-053	X																	B		8/2/16		10
54	6C-FT06-054	X																	B		8/2/16		1
55	6C-FT07-055	X																	B		8/2/16		2
56	6C-FT08-056	X																	B		8/2/16		3
57	6C-PL01-057	X																	B		8/2/16		4
58	6C-FT09-058	X																	B		8/2/16		5
59	6C-DW01-059	X																	B		8/2/16		6
60	6C-PL01-060	X																	B		8/2/16		7
61	6C-PL01-061	X																	B		8/2/16		8
62	~~6C-PL01-062~~ JK 6C-DI01-062 8/2/16	X																	B		8/2/16		9
63	6C-CB01-063	X																	B		8/2/16		10
64	6C-PL01-064	X																	B		8/2/16		1
65	6C-FT10-065	X																	B		8/2/16		2
66	6C-PL01-066	X																	B		8/2/16		3
67	6C-FT11-067	X																	B		8/2/16		4
68	6C-PL02-068	X																	B		8/2/16		5
69	6C-PL02-069	X																	B		8/2/16		6
70	6C-PL02-070	X																	B		8/2/16		7
71	6C-CT01-071	X																	B		8/2/16		8
72	6C-PI01-072	X																	B		8/2/16		9

VALID MATRIX CODES

Air = A	Bulk = B
Dust = D	Paint = P
Soil = S	Wipe = W
Swab = SW	F = Food
Drinking Water = DW	Waste Water = WW
O = Other	

ASTM E1792 approved wipe media only

LAB NOTES:

REI LAB **Reservoirs Environmental, Inc.**
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RES Job # 397349 Page 4 of 4

Submitted by: **Joseph Rudi**

Client sample ID number (Sample ID's must be unique)	PLM - Short report, Long report, Point Count	TEM - AHERA, Level II, 7402, ISO, +/-, Quant. Semi-quant, Micro-vac, ISO-Indirect Preps	PCM - 7400A, 7400B, OSHA	DUST - Total, Respirable	METALS - Analyte(s) RCRA 8, TCLP, Welding Fume, Metals Scan	ORGANICS - METH	MICROBIOLOGY: Salmonella: +/-	MICROBIOLOGY: E.coli O157:H7: +/-	MICROBIOLOGY: Listeria: +/-	MICROBIOLOGY: Aerobic Plate Count: +/- or Quantification	MICROBIOLOGY: E.coli: +/- or Quantification	MICROBIOLOGY: Coliforms: +/- or Quantification	MICROBIOLOGY: S.aureus: +/- or Quantification	MICROBIOLOGY: Y & M: +/- or Quantification	MICROBIOLOGY: Mold: +/- or Quantification	OTHER -	Sample Volume (L) / Area	Matrix Code	# Containers	Date Collected mm/dd/yy	Time Collected hh/mm a/p	EM Number (Laboratory Use Only)
73 6E-PI02-073	X																	B		2/8/16		L693594
74																						
75																						
76																						
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VALID MATRIX CODES

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Swab = SW	F = Food
Drinking Water = DW	Waste Water = WW
O = Other	

ASTM E1792 approved wipe media only

LAB NOTES:

Reservoirs Environmental, Inc.

November 14, 2018

Subcontract Number: **NA**
Laboratory Report: **RES 421441-2**
Project # / P.O. # **20408.016.003.0628.00**
Project Description: **South Campus**

Elliott Petri
Weston Solutions, Inc. (CO)
1435 Garrison St. Ste. 100
Lakewood CO 80215

Dear Customer,

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of Industrial Hygiene and Environmental matrices by the National Voluntary Laboratory Accreditation Program (NVLAP), Lab Code 101896-0 for Transmission Electron Microscopy (TEM) and Polarized Light Microscopy (PLM) analysis and the American Industrial Hygiene Association (AIHA), Lab ID 101533 - Accreditation Certificate #480 for Phase Contrast Microscopy (PCM) analysis. This laboratory is currently proficient in both Proficiency Testing and PAT programs respectively.

Reservoirs Environmental, Inc. has analyzed the following samples for asbestos content as per your request. The analysis has been completed in general accordance with the appropriate methodology as stated in the attached analysis table. The results have been submitted to your office.

RES 421441-2 is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those of the client. The results described in this report only apply to the samples analyzed. This report must not be used to claim endorsement of products or analytical results by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without written approval from Reservoirs Environmental, Inc. Samples will be disposed of after sixty days unless longer storage is requested. If you have any questions about this report, please feel free to call 303-964-1986.

Sincerely,

Jeanne Spencer
President

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

TABLE: PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 421441-2**
Client: **Weston Solutions, Inc. (CO)**
Client Project Number / P.O.: **20408.016.003.0628.00**
Client Project Description: **South Campus**
Date Samples Received: **October 29, 2018**
Method: **EPA 600/R-93/116 - Point Count, Bulk**
Turnaround: **Standard**
Date Samples Analyzed: **November 07, 2018 - November 09, 2018**

ND=None Detected
TR=Trace, <1% Visual Estimate
Trem/Act=Tremolite/Actinolite

Client Sample Number	Lab ID Number	LAYER	Physical Description	Sub Part (%)	Asbestos Content: Mineral	Asbestos Content: Visual Estimate (%)	Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
6C-WL01-367	EM 2192437	A	White adhesive	4		**ND**	0	100
		B	Pink/red sheet vinyl w/ green/gray fibrous backing material	96		**ND**	30	70
6C-WL01-368	EM 2192438	A	Tan adhesive	3		**ND**	0	100
		B	Pink/red sheet vinyl w/ green/gray fibrous backing material	97		**ND**	30	70
6C-CL01-369	EM 2192439	A	Brown adhesive	4		**ND**	0	100
		B	Greenish-blue counter top	96		**ND**	60	40
6C-CL01-370	EM 2192440	A	Brown adhesive	3		**ND**	8	92
		B	Greenish-blue counter top	97		**ND**	30	70
6C-CL01-371	EM 2192441	A	Brown adhesive	7		**ND**	8	92
		B	Greenish-blue counter top	93		**ND**	60	40
6E-CT01-372	EM 2192442	A	Tan/white ceiling tile	100		**ND**	60	40
6E-CT01-373	EM 2192443	A	Tan/white ceiling tile	100		**ND**	60	40

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

TABLE: PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 421441-2**
Client: **Weston Solutions, Inc. (CO)**
Client Project Number / P.O.: **20408.016.003.0628.00**
Client Project Description: **South Campus**
Date Samples Received: **October 29, 2018**
Method: **EPA 600/R-93/116 - Point Count, Bulk**
Turnaround: **Standard**
Date Samples Analyzed: **November 07, 2018 - November 09, 2018**

ND=None Detected
TR=Trace, <1% Visual Estimate
Trem/Act=Tremolite/Actinolite

Client Sample Number	Lab ID Number	LAYER	Physical Description	Sub Part (%)	Asbestos Content: Mineral	Asbestos Content: Visual Estimate (%)	Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
6E-CT02-374	EM 2192444	A	Tan/white ceiling tile	100		**ND**	85	15
6E-CT02-375	EM 2192445	A	Tan/white ceiling tile	100		**ND**	85	15
6W-CT01-376	EM 2192446	A	Tan/white ceiling tile	100		**ND**	60	40
6W-CT01-377	EM 2192447	A	Tan/white ceiling tile	100		**ND**	60	40
6W-CT02-378	EM 2192448	A	Tan/white ceiling tile	100		**ND**	85	15
6W-CT02-379	EM 2192449	A	Tan/white ceiling tile	100		**ND**	85	15
6C-CT01-380	EM 2192450	A	Brown adhesive	10		**ND**	0	100
		B	Tan/white ceiling tile	90		**ND**	65	35
6C-CT01-381	EM 2192451	A	Brown adhesive	10		**ND**	0	100
		B	Tan/white ceiling tile	90		**ND**	65	35
6E-FC01-382	EM 2192452	A	Red granular cementitious material	50		**ND**	0	100
		B	Gray granular cementitious material	50		**ND**	0	100
6E-FC01-383	EM 2192453	A	White compound	2		**ND**	0	100
		B	Red granular cementitious material	98		**ND**	0	100

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

TABLE: PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 421441-2**
Client: **Weston Solutions, Inc. (CO)**
Client Project Number / P.O.: **20408.016.003.0628.00**
Client Project Description: **South Campus**
Date Samples Received: **October 29, 2018**
Method: **EPA 600/R-93/116 - Point Count, Bulk**
Turnaround: **Standard**
Date Samples Analyzed: **November 07, 2018 - November 09, 2018**

ND=None Detected
TR=Trace, <1% Visual Estimate
Trem/Act=Tremolite/Actinolite

Client Sample Number	Lab ID Number	LAYER	Physical Description	Sub Part (%)	Asbestos Content: Mineral	Asbestos Content: Visual Estimate (%)	Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
6W-CT03-384	EM 2192454	A	Tan/white ceiling tile	100		**ND**	75	25
6W-CT03-385	EM 2192455	A	Tan/white ceiling tile	100		**ND**	75	25
6C-DI01-386	EM 2192456	A	Off white perlitic material	100		**ND**	4	96
6C-DI01-387	EM 2192457	A	Off white perlitic material	100		**ND**	4	96
6E-BB01-388	EM 2192458	A	Tan adhesive	15		**ND**	0	100
		B	Black cove base	85		**ND**	0	100
6C-CB01-389	EM 2192459	A	Black tile	100		**ND**	0	100
6C-CB01-390	EM 2192460	A	Black tile	100		**ND**	0	100
6W-PI01-391	EM 2192461	A	Tan insulation w/ white paint	100		**ND**	10	90
6W-PI01-392	EM 2192462	A	Tan insulation w/ white paint	100		**ND**	10	90
6C-DW01-393	EM 2192463	A	White/tan drywall w/ white paint	100		**ND**	10	90
6C-DW01-394	EM 2192464	A	White/tan drywall w/ white paint	100		**ND**	10	90

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

TABLE: PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 421441-2**
Client: **Weston Solutions, Inc. (CO)**
Client Project Number / P.O.: **20408.016.003.0628.00**
Client Project Description: **South Campus**
Date Samples Received: **October 29, 2018**
Method: **EPA 600/R-93/116 - Point Count, Bulk**
Turnaround: **Standard**
Date Samples Analyzed: **November 07, 2018 - November 09, 2018**

ND=None Detected
TR=Trace, <1% Visual Estimate
Trem/Act=Tremolite/Actinolite

Client Sample Number	Lab ID Number	LAYER	Physical Description	Sub Part (%)	Asbestos Content: Mineral	Asbestos Content: Visual Estimate (%)	Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
6E-WT01-395	EM 2192465	A	Gray granular cementitious material	6		**ND**	0	100
		B	Gray cementitious material	20		**ND**	0	100
		C	Tan/blue ceramic tile	74		**ND**	0	100
6E-WT01-396	EM 2192466	A	Tan/blue ceramic tile	100		**ND**	0	100
6E-WT01-397	EM 2192467	A	Tan/blue ceramic tile	100		**ND**	0	100
6E-BM01-398	EM 2192468	A	Off white granular cementitious material	20		**ND**	0	100
		B	Red brick	80		**ND**	0	100
6E-BM01-399	EM 2192469	A	Gray granular cementitious material	20		**ND**	0	100
		B	Red brick	80		**ND**	0	100
6E-BM01-400	EM 2192470	A	Gray granular cementitious material	15		**ND**	0	100
		B	Red brick	85		**ND**	0	100

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

TABLE: PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 421441-2**
Client: **Weston Solutions, Inc. (CO)**
Client Project Number / P.O.: **20408.016.003.0628.00**
Client Project Description: **South Campus**
Date Samples Received: **October 29, 2018**
Method: **EPA 600/R-93/116 - Point Count, Bulk**
Turnaround: **Standard**
Date Samples Analyzed: **November 07, 2018 - November 09, 2018**

ND=None Detected
TR=Trace, <1% Visual Estimate
Trem/Act=Tremolite/Actinolite

Client Sample Number	Lab ID Number	LAYER	Physical Description	Sub Part (%)	Asbestos Content: Mineral	Asbestos Content: Visual Estimate (%)	Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
6W-WT01-401	EM 2192471	A	Gray cementitious material	8		**ND**	0	100
		B	Gray granular cementitious material	15		**ND**	0	100
		C	Tan/yellow ceramic tile	77		**ND**	0	100
6W-WT01-402	EM 2192472	A	Gray granular cementitious material	4		**ND**	0	100
		B	Gray cementitious material	10		**ND**	0	100
		C	Tan/yellow ceramic tile	86		**ND**	0	100
6W-WT01-403	EM 2192473	A	Gray cementitious material	10		**ND**	0	100
		B	Gray granular cementitious material	20		**ND**	0	100
		C	Tan/yellow ceramic tile	70		**ND**	0	100
6W-WT02-404	EM 2192474	A	White grout	7		**ND**	0	100
		B	Gray leveling compound	10		**ND**	0	100
		C	Gray granular cementitious material	35		**ND**	0	100
		D	Tan/pink ceramic tile	48		**ND**	0	100

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

TABLE: PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 421441-2**
Client: **Weston Solutions, Inc. (CO)**
Client Project Number / P.O.: **20408.016.003.0628.00**
Client Project Description: **South Campus**
Date Samples Received: **October 29, 2018**
Method: **EPA 600/R-93/116 - Point Count, Bulk**
Turnaround: **Standard**
Date Samples Analyzed: **November 07, 2018 - November 09, 2018**

ND=None Detected
TR=Trace, <1% Visual Estimate
Trem/Act=Tremolite/Actinolite

Client Sample Number	Lab ID Number	LAYER	Physical Description	Sub Part (%)	Asbestos Content: Mineral	Asbestos Content: Visual Estimate (%)	Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
6W-WT02-405	EM 2192475	A	White grout	10		**ND**	0	100
		B	Gray leveling compound	10		**ND**	0	100
		C	Gray granular cementitious material	15		**ND**	0	100
		D	Tan/pink ceramic tile	65		**ND**	0	100
6W-WT02-406	EM 2192476	A	Gray granular cementitious material	6		**ND**	0	100
		B	Gray leveling compound	10		**ND**	0	100
		C	White grout	20		**ND**	0	100
		D	Tan/pink ceramic tile	64		**ND**	0	100
6W-PI03-407	EM 2192477	A	White/silver wrap	15		**ND**	65	35
		B	Yellow insulation	85		**ND**	90	10
6W-PI03-408	EM 2192478	A	White/silver wrap	15		**ND**	65	35
		B	Yellow insulation	85		**ND**	95	5
6W-PI03-409	EM 2192479	A	White/silver wrap	30		**ND**	65	35
		B	Yellow insulation	70		**ND**	95	5

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

TABLE: PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 421441-2**
Client: **Weston Solutions, Inc. (CO)**
Client Project Number / P.O.: **20408.016.003.0628.00**
Client Project Description: **South Campus**
Date Samples Received: **October 29, 2018**
Method: **EPA 600/R-93/116 - Point Count, Bulk**
Turnaround: **Standard**
Date Samples Analyzed: **November 07, 2018 - November 09, 2018**

ND=None Detected
TR=Trace, <1% Visual Estimate
Trem/Act=Tremolite/Actinolite

Client Sample Number	Lab ID Number	LAYER	Physical Description	Sub Part (%)	Asbestos Content: Mineral	Asbestos Content: Visual Estimate (%)	Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
6C-WT01-410	EM 2192480	A	Gray granular cementitious material	10		**ND**	0	100
		B	Tan ceramic tile	90		**ND**	0	100
6C-WT01-411	EM 2192481	A	White grout	6		**ND**	0	100
		B	Gray granular cementitious material	8		**ND**	0	100
		C	Gray leveling compound	10		**ND**	0	100
		D	Tan/off white ceramic tile	76		**ND**	0	100
6C-WT01-412	EM 2192482	A	Gray granular cementitious material	6		**ND**	0	100
		B	Gray leveling compound	15		**ND**	0	100
		C	Tan/off white ceramic tile	79		**ND**	0	100
6O-DC01-413	EM 2192483	A	White caulk	100		**ND**	0	100
6O-DC01-414	EM 2192484	A	White caulk	100		**ND**	0	100
6O-DC01-415	EM 2192485	A	Gray caulk	5	**Chrysotile**	**12**	0	88
		B	White caulk	95		**ND**	0	100
6O-WG01-416	EM 2192486	A	Clear caulk	100		**ND**	0	100

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

TABLE: PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

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Client Sample Number	Lab ID Number	LAYER	Physical Description	Sub Part (%)	Asbestos Content: Mineral	Asbestos Content: Visual Estimate (%)	Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
6O-WG01-417	EM 2192487	A	Clear caulk	100		**ND**	0	100
6O-WC01-418	EM 2192488	A	Clear caulk	100		**ND**	0	100
6O-WC01-419	EM 2192489	A	Gray caulk	5	**Chrysotile**	**12**	0	88
		B	White caulk	95		**ND**	0	100
6O-WC01-420	EM 2192490	A	Gray caulk	40	**Chrysotile**	**12**	0	88
		B	White caulk	60		**ND**	0	100
6O-WG01-421	EM 2192491	A	Gray caulk	8	**Chrysotile**	**12**	0	88
		B	White caulk	92		**ND**	0	100
6O-BM01-422	EM 2192492	A	Gray granular cementitious material	30		**ND**	0	100
		B	Red/gray brick	70		**ND**	0	100
6O-BM01-423	EM 2192493	A	Red brick	40		**ND**	0	100
		B	Gray granular cementitious material	60		**ND**	0	100
6O-BM01-424	EM 2192494	A	Red brick	40		**ND**	0	100
		B	Gray granular cementitious material	60		**ND**	0	100

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

TABLE: PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 421441-2**
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Client Project Description: **South Campus**
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Date Samples Analyzed: **November 07, 2018 - November 09, 2018**

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Client Sample Number	Lab ID Number	LAYER	Physical Description	Sub Part (%)	Asbestos Content: Mineral	Asbestos Content: Visual Estimate (%)	Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
6O-BF01-425	EM 2192495	A	Gray granular cementitious material	100		**ND**	0	100
6O-BF01-426	EM 2192496	A	Gray granular cementitious material	100		**ND**	0	100
6O-BF01-427	EM 2192497	A	Gray granular cementitious material	100		**ND**	0	100
6B-PI01-428	EM 2192498	A	Off white/silver wrap	15		**ND**	65	35
		B	Yellow insulation	85		**ND**	90	10
6B-PI01-429	EM 2192499	A	Tan fibrous woven material	8		**ND**	95	5
		B	Yellow insulation	92		**ND**	95	5
6B-PI01-430	EM 2192500	A	Tan fibrous woven material w/ green paint	20		**ND**	70	30
		B	Yellow insulation	80		**ND**	95	5
5S-WR01-431	EM 2192501	A	Green/black wire insulation	100		**ND**	35	65
5S-WR01-432	EM 2192502	A	Green/black wire insulation	100		**ND**	35	65
5S-II01-433	EM 2192503	A	Tan/multi-colored rust	20		**ND**	0	100
		B	Gray insulation	25		**ND**	85	15
		C	White/tan granular plaster	55		**ND**	3	97

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

Due Date:_____
Due Time:_____

Reservoirs Environmental, Inc.

REI LAB
5801 Logan St. Denver, CO 80216 • Ph: 303 964-1986 • Fax 303-477-4275 • Toll Free 866 RESI-ENV

RES 421441

Page 1 of 7

After Hours Cell Phone: 720-339-9228

INVOICE TO: (IF DIFFERENT)		CONTACT INFORMATION:	
Company: **Weston Solutions, Inc**	Company: **Weston Solutions, Inc**	Contact: **Elliott Petri**	Contact:
Address: 1435 Garrison St Suite 100	Address:	Phone:	Phone:
Lakewood, CO 80215		Fax:	Fax:
		Cell/pager: 719-216-2754	Cell/pager:
Project Number and/or P.O. #: 20408.016.003.0628.00		Final Data Deliverable Email Address:	
Project Description/Location: South Campus		elliott.petri@westonsolutions.com	

ASBESTOS LABORATORY HOURS: Weekdays: 7am - 7pm

PLM / PCM / TEM ___ RUSH (Same Day) ___ PRIORITY (Next Day) X STANDARD
(Rush PCM = 2hr, TEM = 6hr.)

CHEMISTRY LABORATORY HOURS: Weekdays: 8am - 5pm

Metal(s) / Dust ___ RUSH ___ 24 hr. ___3-5 Day
RCRA 8 / Metals & Welding Fume Scan / TCLP ___ RUSH ___ 5 day ___10 day
Organics ___ 24 hr. ___ 3 day ___5 Day

Prior notification is required for RUSH turnarounds.

MICROBIOLOGY LABORATORY HOURS: Weekdays: 9am - 6pm

E.coli O157:H7, Coliforms, S.aureus ___ 24 hr. ___2 Day ___3-5 Day
Salmonella, Listeria, E.coli, APC, Y & M ___ 48 Hr. ___3-5 Day
Mold ___ RUSH ___24 Hr ___48 Hr ___3 Day ___5 Day

Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.

Special Instructions: *Include EDD please*

REQUESTED ANALYSIS

Client sample ID number (Sample ID's must be unique)	PLM - Short report, Long report, Point Count	TEM - AHERA, Level II, 7402, ISO, +/-, Quant, Semi-quant, Micro-vac, ISO-Indirect Preps	PCM - 7400A, 7400B, OSHA	DUST - Total, Respirable	METALS - Analyte(s) RCRA 8, TCLP, Welding Fume, Metals Scan	ORGANICS - METH	MICROBIOLOGY: Salmonella: +/-	E.coli O157:H7: +/-	Listeria: +/-	Aerobic Plate Count: +/- or Quantification	E.coli: +/- or Quantification	Coliforms: +/- or Quantification	S.aureus: +/- or Quantification	Y & M: +/- or Quantification	Mold: +/-, Identification, Quantification	SAMPLER'S INITIALS OR OTHER NOTES	Sample Volume (L) / Area	Matrix Code	# Containers	Date Collected mm/dd/yy	Time Collected hh/mm a/p	EM Number (Laboratory Use Only)
1 9T-FP01-285	X																	B	1	10/25/2018		2192355
2 9T-FP01-286	X																	B	1	10/25/2018		56
3 9T-SM01-287	X																	B	1	10/25/2018		57
4 9T-SM01-288	X																	B	1	10/25/2018		58
5 9T-PI01-289	X																	B	1	10/25/2018		59
6 9T-PI01-290	X																	B	1	10/25/2018		60
7 9T-PI02-291	X																	B	1	10/25/2018		61
8 9T-PI02-292	X																	B	1	10/25/2018		62
9 9T-PI02-293	X																	B	1	10/25/2018		63
# 9T-CF01-294	X																	B	1	10/25/2018		64

VALID MATRIX CODES

Air = A	Bulk = B
Dust = D	Paint = P
Soil = S	Wipe = W
Swab = SW	F = Food
Drinking Water = DW	Waste Water = WW
O = Other	

ASTM E1792 approved wipe media only

LAB NOTES:

Number of samples received: 130 (Additional samples shall be listed on attached long form.)

NOTE: REI will analyze incoming samples based upon information received and will not be responsible for errors or omissions in calculations resulting from the inaccuracy of original data. By signing client/company representative agrees that submission of the following samples for requested analysis as indicated on this Chain of Custody shall constitute an analytical services agreement with payment terms of NET 30 days, failure to comply with payment terms may result in a 1.5% monthly interest surcharge.

Relinquished By: Brent Merritt Brent Merritt Date/Time: 10/25/18 1600

Laboratory Use Only
Received By: Date/Time: 10/29/18 0230 Carrier: FE

Sample Condition: On Ice Yes / No Sealed Yes / No Intact Yes / No
Temp. (F°) _____

Results:	Contact	Phone Email Fax	Date	Time	Initials	Contact	Phone Email Fax	Date	Time	Initials
	Contact	Phone Email Fax	Date	Time	Initials	Contact	Phone Email Fax	Date	Time	Initials

REI LAB **Reservoirs Environmental, Inc.**
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RES Job # 42141 Page 4 of 7

Submitted by: Weston

Client sample ID number (Sample ID's must be unique)		PLM - Short report, Long report, Point Count	TEM - AHERA, Level II, 7402, ISO, +/-, Quant, Semi-quant, Micro-vac, ISO-Indirect Preps	PCM - 7400A, 7400B, OSHA	DUST - Total, Respirable	METALS - Analyte(s) RCRA 8, TCLP, Welding Fume, Metals Scan	ORGANICS - METH	MICROBIOLOGY: Salmonella: +/-	MICROBIOLOGY: E.coli O157:H7: +/-	MICROBIOLOGY: Listeria: +/-	MICROBIOLOGY: Aerobic Plate Count: +/- or Quantification	MICROBIOLOGY: E.coli: +/- or Quantification	MICROBIOLOGY: Coliforms: +/- or Quantification	MICROBIOLOGY: S.aureus: +/- or Quantification	MICROBIOLOGY: Y & M: +/- or Quantification	MICROBIOLOGY: Mold: +/- or Quantification	OTHER -	Sample Volume (L) / Area	Matrix Code	# Containers	Date Collected mm/dd/yy	Time Collected hh/mm a/p	EM Number (Laboratory Use Only)
73	9F-DG01-357	X																	B	1	10/25/2018		2192427
74	9F-BM01-358	X																	B	1	10/25/2018		28
75	9F-BM01-359	X																	B	1	10/25/2018		29
76	9F-BM01-360	X																	B	1	10/25/2018		30
77	9F-BM02-361	X																	B	1	10/25/2018		31
78	9F-BM02-362	X																	B	1	10/25/2018		32
79	9F-BM02-363	X																	B	1	10/25/2018		33
80	9F-BF01-364	X																	B	1	10/25/2018		34
81	9F-BF01-365	X																	B	1	10/25/2018		35
82	9F-BF01-366	X																	B	1	10/25/2018		36
83	6C-WL01-367	X																	B	1	10/25/2018		2192437
84	6C-WL01-368	X																	B	1	10/25/2018		38
85	6C-CL01-369	X																	B	1	10/25/2018		39
86	6C-CL01-370	X																	B	1	10/25/2018		40
87	6C-CL01-371	X																	B	1	10/25/2018		41
88	6E-CT01-372	X																	B	1	10/25/2018		42
89	6E-CT01-373	X																	B	1	10/25/2018		43
90	6E-CT02-374	X																	B	1	10/25/2018		44
91	6E-CT02-375	X																	B	1	10/25/2018		45
92	6W-CT01-376	X																	B	1	10/25/2018		46
93	6W-CT01-377	X																	B	1	10/25/2018		2192447
94	6W-CT02-378	X																	B	1	10/25/2018		48
95	6W-CT02-379	X																	B	1	10/25/2018		49
96	6C-CT01-380	X																	B	1	10/25/2018		50
97	6C-CT01-381	X																	B	1	10/25/2018		51
98	6E-FC01-382	X																	B	1	10/25/2018		52
99	6E-FC01-383	X																	B	1	10/25/2018		53
100	6W-CT03-384	X																	B	1	10/25/2018		54
101	6W-CT03-385	X																	B	1	10/25/2018		55
102	6C-DI01-386	X																	B	1	10/25/2018		56
103	6C-DI01-387	X																	B	1	10/25/2018		57

REQUESTED ANALYSIS

VALID MATRIX CODES

Air = A | Bulk = B
Dust = D | Paint = P
Soil = S | Wipe = W
Swab = SW | F = Food
Drinking Water = DW | Waste Water = WW
O = Other
ASTM E1792 approved wipe media only

LAB NOTES:

REI LAB **Reservoirs Environmental, Inc.**
5801 Logan St. Denver, CO 80216 • Ph: 303 964-1986 • Fax 303-477-4275 • Toll Free 866 RESI-ENV

RES Job # 42441

Page 5 of 7

Submitted by: Weston

Client sample ID number (Sample ID's must be unique)	REQUESTED ANALYSIS: PLM - Short report, Long report, Point Count	TEM - AHERA, Level II, 7402, ISO, +/-, Quant, Semi-quant, Micro-vac, ISO-Indirect Preps	PCM - 7400A, 7400B, OSHA	DUST - Total, Respirable	METALS - Analyte(s) RCRA 8, TCLP, Welding Fume, Metals Scan	ORGANICS - METH	MICROBIOLOGY: Salmonella: +/-	E.coli O157:H7: +/-	Listeria: +/-	Aerobic Plate Count: +/- or Quantification	E.coli: +/- or Quantification	Coliforms: +/- or Quantification	S.aureus: +/- or Quantification	Y & M: +/- or Quantification	Mold: +/- or Quantification	OTHER -	Sample Volume (L) / Area	Matrix Code	# Containers	Date Collected mm/dd/yy	Time Collected hh/mm a/p	EM Number (Laboratory Use Only)
104 6E-BB01-388	X																	B	1	10/25/2018		2192453
105 6C-CB01-389	X																	B	1	10/25/2018		59
106 6C-CB01-390	X																	B	1	10/25/2018		60
107 6W-PI01-391	X																	B	1	10/25/2018		61
108 6W-PI01-392	X																	B	1	10/25/2018		62
109 6C-DW01-393	X																	B	1	10/25/2018		63
110 6C-DW01-394	X																	B	1	10/25/2018		64
111 6E-WT01-395	X																	B	1	10/25/2018		65
112 6E-WT01-396	X																	B	1	10/25/2018		66
113 6E-WT01-397	X																	B	1	10/25/2018		67
114 6E-BM01-398	X																	B	1	10/25/2018		2192468
115 6E-BM01-399	X																	B	1	10/25/2018		69
116 6E-BM01-400	X																	B	1	10/25/2018		70
117 6W-WT01-401	X																	B	1	10/26/2018		71
118 6W-WT01-402	X																	B	1	10/26/2018		72
119 6W-WT01-403	X																	B	1	10/26/2018		73
120 6W-WT02-404	X																	B	1	10/26/2018		74
121 6W-WT02-405	X																	B	1	10/26/2018		75
122 6W-WT02-406	X																	B	1	10/26/2018		76
123 6W-PI03-407	X																	B	1	10/26/2018		77
124 6W-PI03-408	X																	B	1	10/26/2018		2192478
125 6W-PI03-409	X																	B	1	10/26/2018		79
126 6C-WT01-410	X																	B	1	10/26/2018		80
127 6C-WT01-411	X																	B	1	10/26/2018		81
128 6C-WT01-412	X																	B	1	10/26/2018		82
129 6O-DC01-413	X																	B	1	10/26/2018		83
130 6O-DC01-414	X																	B	1	10/26/2018		84
131 6O-DC01-415	X																	B	1	10/26/2018		85
132 6O-WG01-416	X																	B	1	10/26/2018		86
133 6O-WG01-417	X																	B	1	10/26/2018		87
134 6O-WG01-418	X																	B	1	10/26/2018		88

VALID MATRIX CODES: Air = A; Bulk = B; Dust = D; Paint = P; Soil = S; Wipe = W; Swab = SW; F = Food; Drinking Water = DW; Waste Water = WW; O = Other; **ASTM E1792 approved wipe media only**

LAB NOTES:

REI LAB **Reservoirs Environmental, Inc.**
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RES Job # 42141 Page 6 of 7

Submitted by: Weston

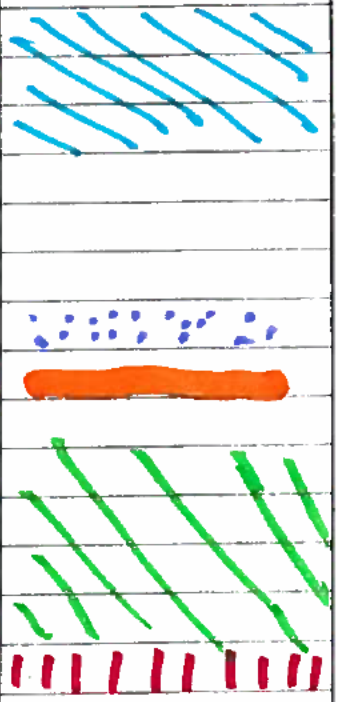
Client sample ID number (Sample ID's must be unique)		REQUESTED ANALYSIS																					VALID MATRIX CODES					LAB NOTES:
		PLM - Short report, Long report, Point Count	TEM - AHERA, Level II, 7402, ISO, +/-, Quant, Semi-quant, Micro-vac, ISO-Indirect Preps	PCM - 7400A, 7400B, OSHA	DUST - Total, Respirable	METALS - Analyte(s) RCRA 8, TCLP, Welding Fume, Metals Scan	ORGANICS - METH	MICROBIOLOGY: Salmonella: +/-	MICROBIOLOGY: E.coli O157:H7: +/-	MICROBIOLOGY: Listeria: +/-	MICROBIOLOGY: Aerobic Plate Count: +/- or Quantification	MICROBIOLOGY: E.coli: +/- or Quantification	MICROBIOLOGY: Coliforms: +/- or Quantification	MICROBIOLOGY: S.aureus: +/- or Quantification	MICROBIOLOGY: Y & M: +/- or Quantification	MICROBIOLOGY: Mold: +/- or Quantification	OTHER -	Air = A; Bulk = B; Dust = D; Paint = P; Soil = S; Wipe = W; Swab = SW; F = Food; Drinking Water = DW; Waste Water = WW; O = Other; **ASTM E1792 approved wipe media only**	Sample Volume (L) / Area	Matrix Code	# Containers	Date Collected mm/dd/yy	Time Collected hh/mm a/p	EM Number (Laboratory Use Only)
135	6O-WC01-419	X																		B	1	10/26/2018		2192489
136	6O-WC01-420	X																		B	1	10/26/2018		90
137	6O-WC01-421	X																		B	1	10/26/2018		91
138	6O-BM01-422	X																		B	1	10/26/2018		92
139	6O-BM01-423	X																		B	1	10/26/2018		93
140	6O-BM01-424	X																		B	1	10/26/2018		94
141	6O-BF01-425	X																		B	1	10/26/2018		95
142	6O-BF01-426	X																		B	1	10/26/2018		96
143	6O-BF01-427	X																		B	1	10/26/2018		97
144	6B-PI01-428	X																		B	1	10/26/2018		98
145	6B-PI01-429	X																		B	1	10/26/2018		2192499
146	6B-PI01-430	X																		B	1	10/26/2018		500
147	5S-WR01-431	X																		B	1	10/26/2018		01
148	5S-WR01-432	X																		B	1	10/26/2018		02
149	5S-II01-433	X																		B	1	10/26/2018		03
150	5S-II01-434	X																		B	1	10/26/2018		04
151	5S-CT01-435	X																		B	1	10/26/2018		05
152	5S-CT01-436	X																		B	1	10/26/2018		06
153	5F-JC01-437	X																		B	1	10/26/2018		07
154	5F-JC01-438	X																		B	1	10/26/2018		08
155	5F-PL01-439	X																		B	1	10/26/2018		2192509
156	5F-PL01-440	X																		B	1	10/26/2018		10
157	5F-PL01-441	X																		B	1	10/26/2018		11
158	5F-PL01-442	X																		B	1	10/26/2018		12
159	5F-PL01-443	X																		B	1	10/26/2018		13
160	5O-BF01-444	X																		B	1	10/26/2018		14
161	5O-BF01-445	X																		B	1	10/26/2018		15
162	5O-BF01-446	X																		B	1	10/26/2018		16
163	5O-ST01-447	X																		B	1	10/26/2018		17
164	5O-ST01-448	X																		B	1	10/26/2018		18
165	5O-ST01-449	X																		B	1	10/26/2018		19

APPENDIX C
SUPPLEMENTARY INFORMATION

Project: SOUTH CAMPUS BLDG #6 — Date: 8/2/16

TDD/WO#: — Inspector/Personnel: RUDI / MERRITT

Sample ID	Material Description	Location	Friable	Condition	Estimated Quantity/Extent	Notes
~~6W-LH01-001~~	REM					REM
~~6W-LH01-001~~	~~GREEN LINO~~ REM					REM
6W-FT01-001	GREEN FLOOR TILE	WEST WING				
6W-FT02-002	WHITE " "	↓				
6W-FT03-003	RED " "	↓				
6W-PL01-004	PLASTER - wall	↓				
6W-CT01-005	DROP CEILING 2'x4'	↓				
6W-CT02-006	12"x12" UPPER TILE	↓				
6W-FT04-007	CLOSET IN Hallway	↔ FLOOR TILE 9x9	WEST WING			
6W-FT05-008	HALLWAY	↔ FLOOR TILE 12x12	↓			
6W-PL01-009	PLASTER - wall	Hallway				
6W-FT06-010	Tan FloorTile 9x9	WEST WING				
6W-FT07-011	PINK FloorTile 9x9	↓				
6W-FT08-012	BLUE " " "	↓				
6W-LH01-013	White-gray LINO	↓				
6W-FC01-014	DYED CONCRETE (RED)	↓ BATHROOM SHOWER AREA				
6W-PL01-015	WALL PLASTER	↓				
6W-BB01-016	BASEBOARD	↓				
6W-FT09-017	12x12 FLOOR TILE Tan	↓ CLASSROOM SOUTHWEST				
6W-CT03-018	~~12x12~~ 9x9 CEILING TILE	↓ CLASSROOM SOUTH				
6W-PL01-019	WALL PLASTER	↓ "				
6W-PL01-020	" "	↓ BATHROOM AREA				
6W-PI01-021	PIPE INSULATION	↓ " "				
6W-PI02-022	" "	↓ CLOSET AREA				
6W-PL01-023	WALL PLASTER	↓ CLASSROOM				



Project: South Campus Bldg #6 — Date: 8/2/16

TDD/WO#: — Inspector/Personnel: Rudi / Merritt

Sample ID	Material Description	Location	Friable	Condition	Estimated Quantity/Extent	Notes
6W-FT10-024	Green 9x9 floor tile	Classroom West Wing				
6W-FT11-025	Tan 9x9 " "	"				
6W-PL01-026	wall plaster	Hallway ↓				
6E-FT01-027	Tan 12x12 floor tile	Classroom East Wing				
6E-PL01-028	Wall Plaster	"				
6E-FT02-029	Red/Brown 9x9 floor tile	Bathroom area				
6E PL01-030	wall plaster	Bathroom area				
6E-FT03-031	BW/grn 9x9 floor tile	classroom				
6E-FT04-032	Red 9x9 floor tile	Classroom				
6E-PL01-033	wall plaster	"				
6E-FT05-034	Gray 12x12 floor tile	Wood shop classroom				
6E-PL01-035	Wall Plaster	" "				
6E-PL01-036	" "	Bathroom by wood shop classroom				- Shower area
6E-FT06-037	Red 9x9 floor tile	" " "	"	"		
6E-PL01-038	wall plaster	" " "	"	"		
6E-BB01-039	Baseboard	" " "	"	"	Closet	area
6G-FT07-040	Green 9x9 floor tile	Closet room	EW ↓			
6E-FT08-041	Yellow 9x9 " "	"				
6E-PL01-042	wall plaster	" near	drinking fountain			
6E FT09-043	Tan/gray 12x12 floor tile	Hallway - wing	Hallway	- NOT CENTER		
6E-CT01-044	2'x4' drop ceiling	classroom	↓ end east wing			
6E-CT02-045	9" x 9" upper ceiling tile	"	↓			
6C-FT01-046	Red 9x9 floor tile	Storage Closet	Central Section			
6C-FT02-047	Light gray 9x9 floor Tile	"Smoking Room"		↓		
6C-FT03-048	Dark gray 9x9 floor tile	" "				

Project: South Campus Bldg #6 — Date: 8/2/16

TDD/WO#: — Inspector/Personnel: Rudi / Merritt

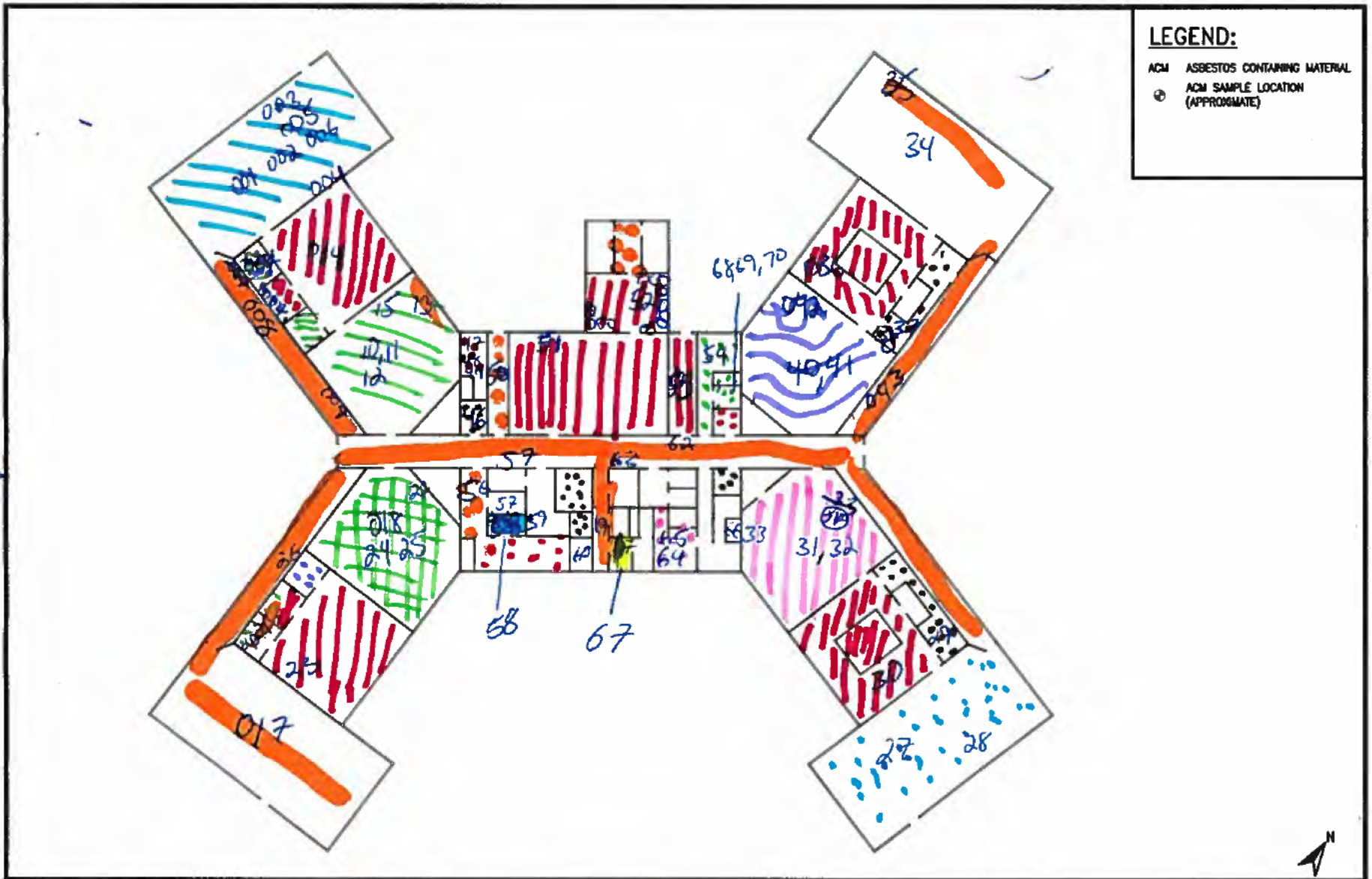
Sample ID	Material Description	Location	Friable	Condition	Estimated Quantity/Extent	Notes
6C-PL01-049	Wall Plaster	Smoking Room	Central Section		Central Section	
6C-FT04-050	~~Gray~~ Red/Tan 9x9 floor tile	Hallway by Smoking Room				
6C-PL01-051	wall plaster in Dining Hall by window					
6C-WL01-052	Wall Lino in Kitchen - RED (Same as counter top)					
6C-FT05-053	Concrete Floor covering	RED Audiology Room				
6C-FT06-054	Tan 9x9 Floor tile	Vocational Work Program Room				
6C-FT07-055	Tan 12x12 floor tile	Main Hallway				
6C-FT08-056	~~Tan~~ 9x9 Floor tile (~~Dark Tan~~)	West to Speech Room				
~~pur~~	Light gray					Beam
6C-PL01-057	Wall Plaster	Main Hallway near Dining Room				
6C-FT09-058	Tan/Gray Floor tile 12x12	Speech room				
6C-DW01-059	Drywall in speech room					
6C-PL01-060	Wall Plaster in speech room					
6C-PL01-061	Wall Plaster - Main Entrance Hallway					
6C-DI01-062	Door Insulation in door to Audiology Room					
6C-CB01-063	Chalkboard - Main Hallway					
6C-PL01-064	Wall Plaster - room across Hall from Audiology					
6C-FT10-065	Dark gray 9x9 Floor tile	"	"	"		
6C-PL01-066	Wall Plaster in Bathroom	"	"	"		
6C-FT11-067	Yellow 9x9 floor tile	"	"	"		
6C-PL02-068	Wall Plaster - Vocational Work Program Bathroom					
6C-PL02-069	↓	↓	↓		↓	
6C-PL02-070	↓	↓	↓		↓	
6C-CT01-071	Ceiling tile main Hallway					
6C-PI01-072	Pipe Insulation main Hallway above ceiling			"JM"		

Project South Campus Bldg #6 Date 8/2/16 pg 4

TDD/WO#

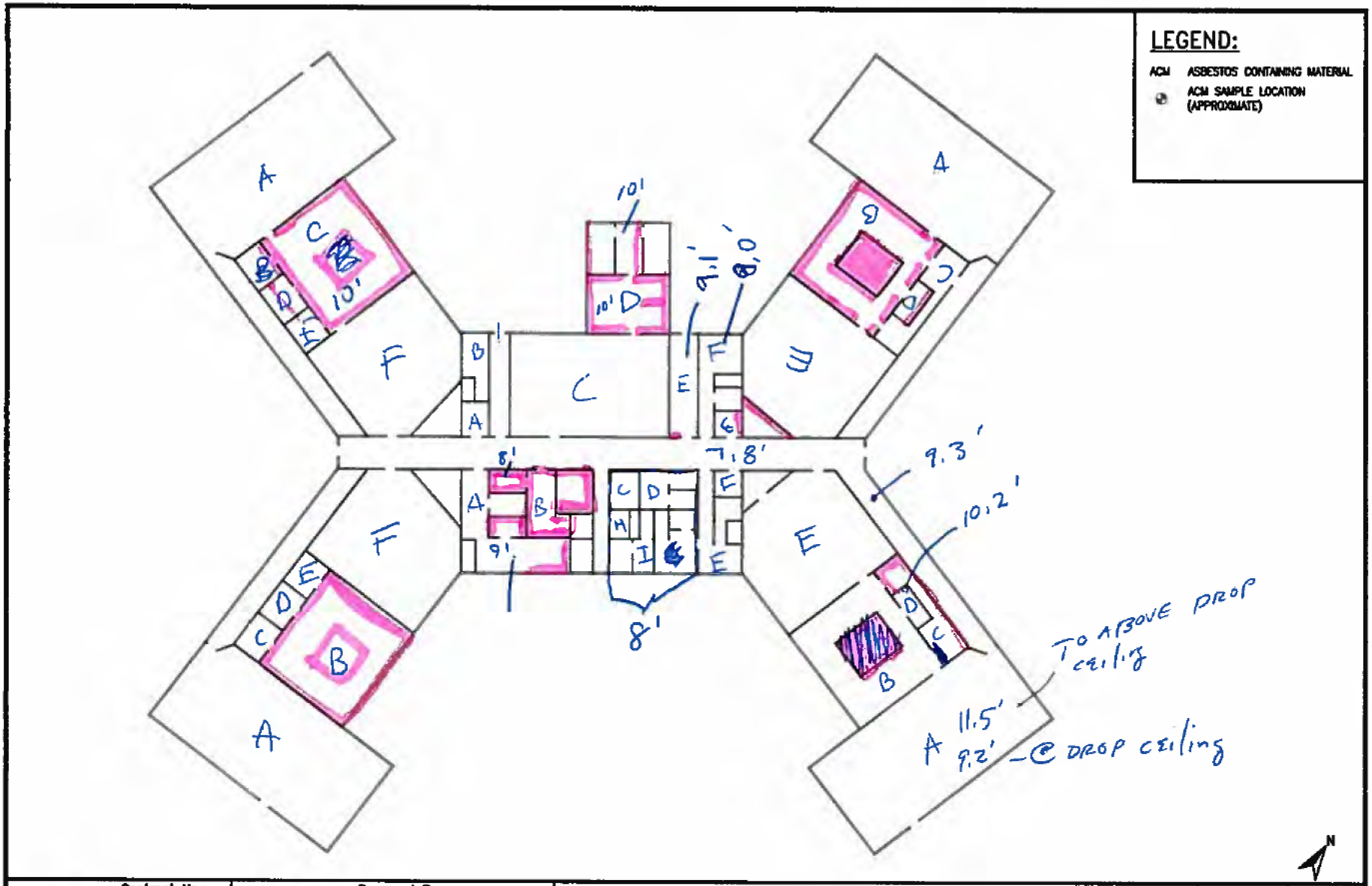
Inspector/Personnel

Sample ID	Material Description	Location	Friable	Condition	Estimated Quantity/Extent	Notes
6E-PI02-073	Pipe Insulation from Steam Tunnel					



Contract No.: EP-S8-13-01 TDD: 15XX-XX TO: 0003	Prepared By: Weston Solutions, Inc. START IV Suite 100 1435 Garrison Street Lakewood, CO 80215	ACM SAMPLE LOCATION AND EXTENT SOUTH CAMPUS MT STATE TRAINING SCHOOL BUILDING 6 ASBESTOS SURVEY	DATE: 07/22/16 SCALE: N.T.S.

Figure x



Contract No.: EP-S8-13-01 TDD: 15XX-XX TO: 0003	Prepared By: Weston Solutions, Inc. START IV Suite 100 1435 Garrison Street Lakewood, CO 80215	ACM SAMPLE LOCATION AND EXTENT SOUTH CAMPUS MT STATE TRAINING SCHOOL BUILDING 6 ASBESTOS SURVEY	DATE: 07/22/16 SCALE: N.T.S.	Figure x

Project: South Campus
Date: 10/25/18
TDD: 0003/1808-05
Inspector: MC + BM

Sample ID	Material	Location	Estimated Extent	Notes
6C-WL01-367	Wall Lino Red	Kitchen		6C-WL01-052
368	↓			↓
6C-CL01-369	Counter Laminate			New
370	Green			↓
371	↓			6E-CT01-44
6E-CT01-372	Ceiling Tile	2x4'		↓
373		2x4'		6E CT02-45
6E-CT02-374		9x9"		↓
375		9x9"		6W-CT01-05
6W-CT01-376		2x4'		↓
377		2x4'		6W-CT02-06
6W-CT02-378		12x12"		↓
379		12x12"		6C-CT01-71
6C-CT01-380	Main			↓
381	Hallway			
6E-FC01-382	Floor coating			
-383	↓			
6W-CT03-384	12x12" Ceiling Tile			6W-CT03-18
385	↓			↓
6C-DI01-386	Door Insulation	Audiology Room		6C-DI01-62
387		↓		↓
6E-BB01-388	Base Board Black			6E-BB01-16,39
6C-CB01-389	Chalkboard	Main Hallway		6C-CB01-63
390	↓	↓		6C-CB01-63
6W-PI01-391	Pipe insulation			6W-PI01-21
392	↓			↓
6C-DW01-393	Drywall	Speech Rm		6C-DW01-59
394	↓	↓		↓
6E-WT01 395	Wall Tile Green			New
6E-↓ 396	Ceramic			↓

Project: South Campus

TDD: 0003/1808-05

Date: 10/26/18

Inspector: MC + BM

Sample ID	Material	Location	Estimated Extent	Notes
6E-WT01-397	Wall Tile Green	Ceramic	~~NEW~~	NEW
6E-BM01-398	Brick + Mortar			NEW
399	↓			↓
406				
6W-WT01-401	Ceramic Tile			
402	Yellow			
403	↓			
6W-WT02-404	Ceramic Tile			
405	PINK			
406	↓			
6W-PI03-407	Pipe Insulation			
408	↓			
409				
6C-WT01-410	Wall Tile			
411	Beige			
412	↓			
6O-DC01-413	Door Caulk			"6 Outside"
414	Exterior			
415	↓			
6O-WG01-416	Window Glazing			
417				
418				
6O-WC01-419	Window Caulk			
420				
421				
6O-BM01-422	~~Building Foundation~~ Brick + Mortar			
423				
424				

Project: South Campus

TDD: 0003/1808-05

Date: 10/26/18

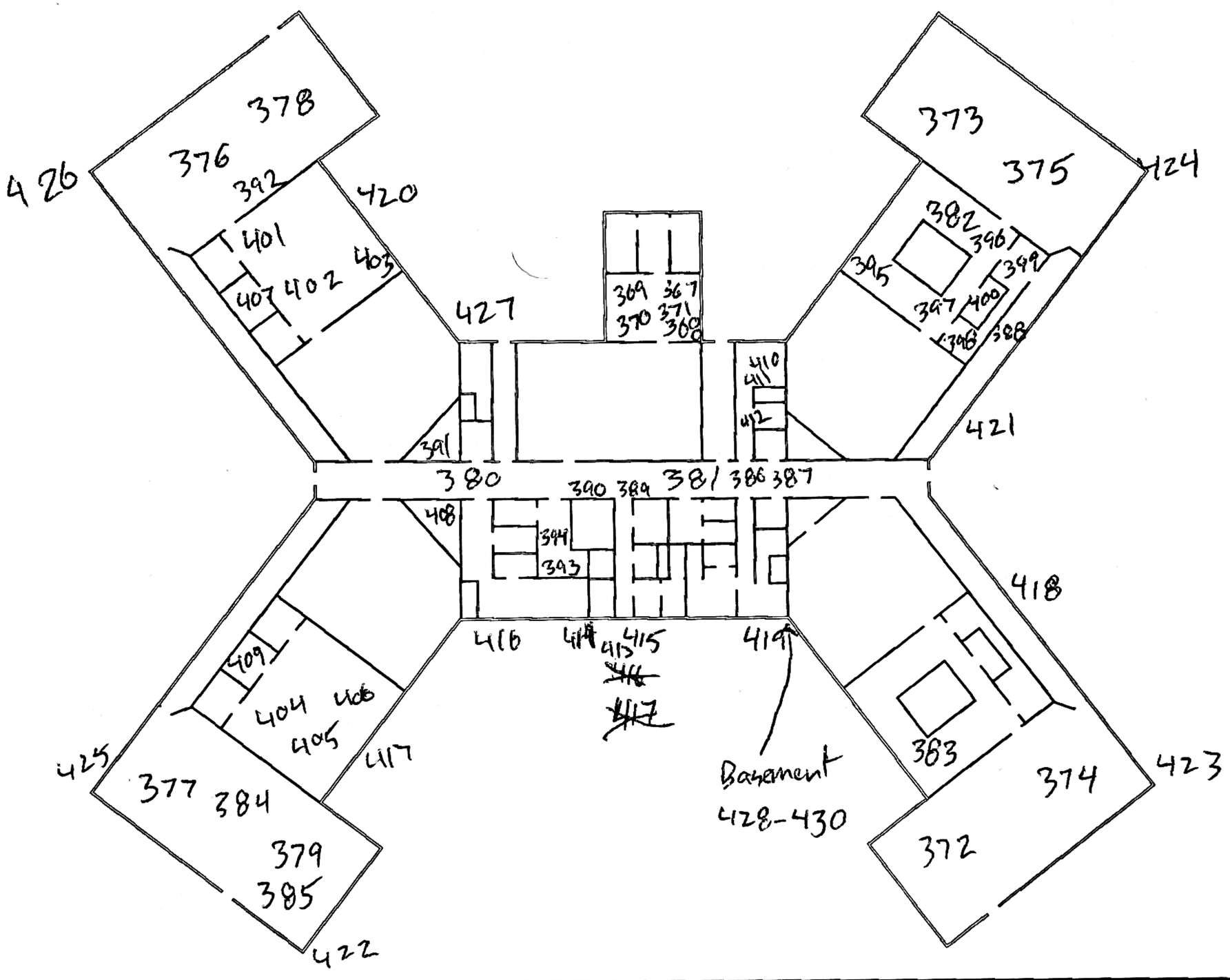
Inspector: MC + BM

Sample ID	Material	Location	Estimated Extent	Notes
GO-BF01 – 425	Building Foundation			
426	↓			
427				
GB-PI01 – 428	Pipe Insulation			GB - Basement
429	Basement			
430	↓			

LEGEND:

ACM ASBESTOS CONTAINING MATERIAL

ACM SAMPLE LOCATION (APPROXIMATE)



Contract No.: EP-S8-13-01 TDD: 15XX-XX TO: 0003	Prepared By: Weston Solutions, Inc. START IV Suite 100 1435 Garrison Street Lakewood, CO 80215	ACM SAMPLE LOCATION AND EXTENT SOUTH CAMPUS MT STATE TRAINING SCHOOL BUILDING 6 ASBESTOS SURVEY	DATE: 07/22/16 SCALE: N.T.S.	Figure x

Community Engagement

Boulder Transition Advisory Committee (BTAC)
Meeting Minutes
Thursday, January 3, 2019

1. The BTAC regular meeting was called to order at the Boulder City Hall at 8:03 a.m. by Drew Dawson. Twenty-seven individuals attended. Guest Representative-elect Greg DeVries.
2. A motion to approve the December meeting minutes was made, seconded, and passed.
3. Information provided from area leaders and organizations:
    a. Chamber. New officers and directors have been identified and will assume positions next week.
    b. Boulder Schools. Added two more dual credit coding classes through Highland College. Received one of eight national Mental Health grants as a pilot program. Around 50 teams attended the Mariah's Challenge basketball competition.
    c. City of Boulder. Working with internet provider to expand services. City boundary project is in progress. Working on land donation for animal shelter.
    d. Faith Group Support. Supported several outreach organizations with proceeds from fundraising events.
    e. Elkhorn Foundation. Next meeting is January 8th.
    f. Jefferson County Commission. Working on the Cowboy Hall of Fame proposal. Working on MDC buildings usage. Following animal shelter proposal. Announced Dan Ellison as county lobby individual.
    g. County Events. Recreation and tourism website will be launched next week. Working on both the Whitehall and Boulder Halloween projects. Recreation Park scheduling will be online for booking and paying for events.
    h. IBC. Beds are full with four residents waiting community placement. Specialized staff shortfalls exist. Director visit indicated no more layoffs at the facility, but some positions will be cut.
    i. JLDC. Warehouse building construction is complete, and new tenants have occupied the facility. South Campus building EPA inspections are finalized, and kitchen demolition project is moving forward. EPA cleanup grants are being submitted for Building 5, 6, and 9 with a public hearing later in the month. New Extension agent, Kaleena Miller, starts in February. Working Boulder Development Board projects.
    j. YDI. 32 residents at facility. Working staffing shortfalls. Appreciated the Chamber Christmas donation.
    k. Riverside. Janine Ford joined as the new Riverside representative. The facility is undergoing remodeling for 28 beds for older male prisoners. There will be several nursing positions to handle the client needs. The previous workforce was reduced to three individuals, and hiring for the new facility is progressing with preference for previous staff.
4. Master Plan Implementation.
    a. Boulder Development Fund. Reviewed the nine items that have been approved by Commerce and the status of new proposals that have been submitted. The business revolving loan fund is waiting for funds to start the program. Boulder website is being developed. The downtown façade program is being reviewed. Veterans Park Request for Proposals (RFP's) are under review for outdoor restroom, lighting, kiosk, and city hall painting.
    b. Community Health Committee. County medical needs assessment is progressing. MEDA community health/tourism assessment is pending approval. Mental health Thrive Program presentation pending. Every Thursday at the library is a health related educational session. The current topic is Hospice.
    c. Marketing Committee. Reviewed four Boulder Branding proposals and recommended Windfall, Inc. be forwarded to the city council for approval.
    d. Client-Centered Services Facilities Committee. Working on legislative actions. State pay plan for employees needs to be reviewed and come in line with private industry to help with staffing issues.
    e. MDC Facility Reutilization. Group toured the facilities and progress is being made to get the property survey done. Boulder and county have stepped up to support the survey funding if needed to keep the process moving forward. Veterans programs are being researched, and the potential for a multi-faceted facility exist. Letters were sent to area legislators encouraging reutilization support.
    f. Downtown Master Plan/Growth Policy Update. Adopted by the city council.
5. Fairgrounds. Draft master plan being reviewed, and next step is commission approval and public meeting.
6. Public Comment. Comment that BTAC is well attended and provides a good information conduit on what is happening in the community. Teen Super Bowl party is upcoming.
7. Meeting adjourned at 9:09 a.m. Next meeting February 7th at 8 a.m. at the Boulder City Hall.

Do your kids think vaping is safe?

By the AMERICAN COUNSELING ASSOCIATION

While we're all aware that cigarette smoking is dangerous and unhealthy, it's still a very serious and difficult addiction for many. And while most smokers may want to quit, most of them certainly don't want their children to ever start smoking.

Unfortunately, many kids have turned to vaping, those electronic substitutes for cigarettes, because they, and often their parents, are under the mistaken impression that it's safer. It's not. The nicotine in electronic cigarettes is highly addictive and the other chemicals involved can harm health.

Vaping manufacturers were quick to realize the appeal this new form of smoking could have for young people, producing various fruit flavors to make the product more enjoyable. Although the Food and Drug Administration has said it may regulate vaping, for now kids are still vaping in growing numbers.

The health issues associated with vaping are many. Because it isn't regulated by the FDA, when a package shows the amount of nicotine in the product, it may not always be accurate. Some vaping cartridges labeled "no nicotine" were still found to have nicotine present when tested.

The chemicals used in these products are also dangerous. Most vaping cartridges use propylene glycol to create the "vapor" these products produce. It's a chemical used in many household products, such as hand sanitizer, antifreeze and deodorants — nothing you ever want to put in your mouth. It's also used as an aircraft de-icer.

Most vaping cartridges contain over 720 milligrams of nicotine that's released in small doses when "smoked." Nicotine is highly addictive and can be fatally poisonous in amounts as small as 40 to 50 milligrams. These cartridges are a real, possibly fatal danger if a small child or a pet should eat one.

Vaping is still new enough that there are no studies on what the long term health effects might be. What has been shown already is that there's no evidence that it helps an individual stop smoking, and studies have found that found vaping for as little as 10 minutes can worsen lung function.

If your kids think vaping is a safe alternative, have a serious talk with them. The unknown health risks they may be facing aren't worth "looking cool" with this new addiction. Discouraging this practice now can mean healthier kids in the future.

Visit the ACA website at www.counseling.org.

JEFFCO FOOD SHARE

PO Box 244, Boulder, MT

JeffCo Food Share is open the second Thursday each month from noon to 3 p.m. at the Boulder Assembly of God, 502 North Jackson, Boulder. JeffCo Food Share provides food at no charge to in-need families and individuals.

More legal notices on pages 2 & 13

City of Boulder: Notice

The Board of Adjustments (Variance Committee) plans to meet on February 5, 2019 at 3:30 p.m. at City Hall to discuss a variance request submitted by David Kosola for a set-back adjustment for the property of 322 W. 2nd Avenue, Boulder, Montana.

19-009 Pub shed n the Bou der Mon tor Jan. 23 & 30, 2019 MNAXLP

Jefferson County: Notice

The Clerk and Recorder of Jefferson County has completed the annual financial statement for fiscal year 2018. The annual statement is available and will be provided upon request from the county clerk.

19-011 Pub shed n the Bou der Mon tor Jan. 23, 2019 MNAXLP

City of Boulder: Notice

Due to term expirations, there are (4) vacancies on the Board of Adjustments. Committee members are appointed for a 3-year term. Anyone interested in serving on this committee is asked to submit a letter of interest by Friday, February 8, 2019 at 4:00 p.m. to: City of Boulder, 304 North Main Street, PO Box 68, Boulder, MT 59632.

19-010 Pub shed n the Bou der Mon tor Jan. 23 & 30, 2019 MNAXLP

NOTICE: PUBLIC HEARINGS

The Jefferson County Board of Commissioners will be holding a series of public hearings to obtain public comments regarding a solid waste system preliminary engineering report (PER) and possible applications to the State of Montana's Treasure State Program and USDA Rural Development. The pubic will be given the opportunity to comment on the project alternatives considered to the county-wide solid waste handling system. The public can also comment on the potential environmental impacts of the proposed improvements.

At the hearings, the county's engineer will explain the purpose of the project and project area, scope of work, budget, possible sources of funding, and any costs that may result for Jefferson County residents because of the project. Everyone will have the opportunity to ask questions and to express his or her opinions regarding the project and its effect on the environment. Comments may be given orally at the hearing or submitted in writing by February 15, 2019. You may also send your written comments to the Jefferson County Commissioners at PO Box H, Boulder, MT, 59632 or to commissioners@jeffersoncounty-mt.gov.

For more information, contact Project Manager Bob Church, P.E., Great West Engineering at (406) 495-6177 or at bchurch@greatwesteng.com.

The Public Hearing schedule is as follows. All meeting will start at 6:00 p.m.

February 4th - Clerk and Recorder building - Boulder
February 5th - Borden's Hotel conference room - Whitehall
February 6th - Community Hall - Basin
February 7th - Community Center - Jefferson City
February 11th - Clancy Elementary School board room - Clancy
February 12th - Fire Hall - Montana City

Jefferson County Board of Commissioners Leonard Wortman, Presiding Officer

LEGAL NOTICES

**MONTANA FIFTY JUDICIAL DISTRICT COURT
JEFFERSON COUNTY
IN THE MATTER OF THE ESTATE OF
MAXINE VONA HEMUND, A/K/A VONA MAXINE HEMUND,**
Deceased.
Dept. No.
Cause No. DP-19-01
NOTICE TO CREDITORS

NOTICE IS HEREBY GIVEN that the unders gned has been appo nted Persona Representat ve of the above named Estate. A persons hav ng c a ms aga nst the sa d deceased are requ red to present the r c a ms w th n four (4) months after the date of the first pub cat on of th s Not ce or sa d c a ms w be forever barred.

C a ms must e ther be ma ed to TAMARA GEORGENE ANDIE, A/K/A TAMARA GEORGINE ANDIE, the Persona Representat ve, return rece pt requested, c/o Goodr ch & Ree y, PLLC, 3819 Stephens Avenue, Su te 201, M ssou a, Montana 59801, or fi ed w th the C erk of the above entt ed Court.

DATED th s 14th day of January, 2019.
Tamara Georgene And e
Persona Representat ve
GOODRICH & REELY, PLLC
3819 Stephens Avenue, Su te 201
M ssou a, Montana 59801
Attorneys for the Persona Representat ve
By: Shane N. Ree y, Esq.

Legal 19-007 Pub shed n the Bou der **Monitor** Jan. 23 and 30 and Feb. 6, 2019. MNAXLP

**Jefferson Local Development Corporation
Notice of Intent to Apply for EPA Cleanup Grant: Public Meeting**

Jefferson Loca Deve opment Corporat on (JLDC) ntends to subm t a proposa for an EPA Brownfie ds C eanup Grant n order to conduct c eanup act v t es at the South Campus Montana State Tra n ng Schoo – Dorm tory #6 n Bou der, Montana. JLDC n cooperat on w th the Jefferson County Comm ss oners w conduct a pub c meetng on January 29, 2019 at 2:00 PM at the Office of C erk and Recorder at 102 S. Monroe Street, Bou der, MT.

JLDC s host ng the meet ng n conjunct on the Jefferson County Comm ss oners to so c t pub c comments and d scuss the C eanup Reports for Northern Dorm tory #6 on the South Campus of the Montana State Tra n ng Schoo n Bou der. Pub c comments may be subm tted v a ema to Tom Harr ngton at tom.harr ngton@montana.edu.

Cop es of the draft proposa and C eanup Report w be ava ab e on January 28, 2019 at JLDC's office at 103 West Leg on Avenue n Wh teha and at the Comm ss oner's Office n the Jefferson County Courthouse at 201 Centenn a Street n Bou der, MT dur ng regu ar bus ness hours.

Any person or organ zat on hav ng quest ons or comments concern ng JLDC's proposa to the EPA Brownfie ds C eanup Grant program, or proposed act v t es w have the opportun ty to be heard. A nterested c t zens and organ zat ons are urged to attend.

Persons who requ re spec a accommodat ons shou d contact Tom Harr ngton at east three (3) days pr or to the meet ng at (406) 287-3282.

Legal 19-013 Pub shed n the Bou der **Monitor** Jan. 23, 2019. MNAXLP

**MONTANA FIFTH JUDICIAL DISTRICT COURT
JEFFERSON COUNTY**
NOTICE OF SHERIFF'S SALE
CIVIL NUMBER: DV-2017-24
HONORABLE: JUDGE LUKE BERGER

U.S. BANK NATIONAL ASSOCIATION, AS TRUSTEE FOR RESIDENTIAL ASSET SECURITIES CORPORATION, HOME EQUITY MORTGAGE ASSET-BACKED PASS-THROUGH CERTIFICATES, SERIES 2007-KS3, P a nt ff,
v. ROBERTA J. KNAPP, an nd v dua ; and KENNETH J. KNAPP, an nd v dua , KENNETH J. KNAPP and ROBERTA J. KNAPP TRUSTEES OF THE KENNETH J. AND ROBERTA J. KNAPP REVOCABLE LIVING TRUST; MARK LINDSAY CONSTRUCTION CO., INC; CREDIT ASSOCIATES, INC.; FIRST INTERSTATE BANK; and JOHN DOES 1-10, Defendants.

Under and by v rtue of a Wr t of Spec a Execut on ssued n the above-ent t ed act on on the 19th day of November, 2018, I am commanded to se at pub c auct on a of Defendants' r ghts and nterest to the be ow descr bed property:

Lot 6, B ock 3 of MONTANA CITY RANCHES SUBDIVISION as shown on Cert ficate of Survey No. 188032, Fo o 540A.

Property Address: 5 D amondback Court, C ancy, MT 59634

Not ce s hereby g ven that on the 7th day of February, 2019, at 11:00 on the front steps of the F fth Jud c a D str ct Court at 201 Centenn a Avenue, Bou der, MT 59632, the above-descr bed property w be so d to the h ghest b dder to sat sfy P a nt ffs judgment, w th nterest and costs.

Date: 1/18/19
Sher ff of Jefferson County, State of Montana
By: Jer

WE STRONGLY RECOMMEND ANYONE INT RESTED IN BIDDING ON ANY PROPERTY NOTICED FOR SALE RESEARCH THE OWNERSHIP OF THE PROPERTY THOROUGHLY PRIOR TO BIDDING
48768 NOTICE OF SALE

Legal 19-008 Pub shed n the Bou der **Monitor** Jan. 23 and 30 and Feb. 6, 2019. MNAXLP

Crossword puzzle answers

See puzzle on page 11

Crossword answers

E	C	R	U			B	U	D				I	R	A
G	L	E	N		F	U	N	D		B	A	S	E	D
G	E	A	R		I	L	I	A		A	T	L	A	S
	G	R	E	E	N	B	A	Y		Y	L	E	M	
			E	X	I	S	T		M	O	A			
E	A	G	L	E	S			R	O	U	N	D	E	D
A	L	L		C	H	I	P	I	N		T	E	A	R
S	L	O	B	S		R	O	C		S	A	L	S	A
T	O	R	I		P	O	T	E	N	T		H	E	P
S	T	Y	G	I	A	N			I	O	D	I	D	E
			G	A	R		G	A	M	M	A			
	S	C	A	M		L	O	M	B	A	R	D	I	
P	L	U	M	B		A	B	E	L		T	U	R	N
V	O	T	E	S		V	A	N	E		E	M	I	T
C	B	S				A	D	D			D	A	S	H

Jefferson County Fair Board

Special meeting, Saturday, January 26, 11 am, Jefferson County Recreation Park. Tour of fair buildings.

19-015 Pub shed n the Bou der Mon tor Jan. 23, 2019 MNAXLP

Public Notice: Elections

Fire District and Library District trustee/director elections will be held Tuesday, May 7, 2019, for the following special districts:

- Basin Fire District
- Bull Mountain Fire District
- Jefferson City Rural Fire District
- Elk Park Fire District
- Jefferson Valley Rural Fire District
- Montana City Fire District
- Clancy Fire Service Area
- North Jefferson County Library District

Declarations of candidacy are available through the Clerk and Recorder's office or your local fire department or North Jefferson County Library. All declarations of candidacy must be returned no later than 5 pm, February 11, 2019.

19-001 Pub shed n the Bou der Mon tor Jan. 9, 16 & 23, 2019 MNAXLP

Commission agenda set

The announced agenda for the Jefferson County Commission meeting to be held Tuesday, January 29, 2019 in the Clerk and Recorder Meeting Room, 9:30 am:

9:30 Claims approval: A list of claims to be approved will be in the Clerk and Recorder's Office by Friday of the previous week.
10:00 Meeting with Road Department
10:30 Meeting with various department heads
GIS Department

Noon: Recess for lunch; Re-convene at 1:30 p.m.

Pledge of Allegiance; Minutes; Reports
Correspondence: Copies of all incoming and outgoing correspondence are on file in the Commission office for public review.
Calendar review; Commission reports
Opportunity for public comment
Items for Commissioners' action or review
Time-specific: 2 pm, pubic hearing, Brownfield grant application
Non-time-specific:
- Contract for Capital Improvement Plan
- Resolution 05-2019 Clean Indoor Air
- Resolution 06-2019 Temporary/Seasonal Weight Restrictions on County Roads
- Sign agreement between Jefferson County and City of Boulder for use of Justice Court
- Discuss and decide on Cowboy Hall of Fame issues

County website: jeffersoncounty-mt.gov

Obituaries

Evelyn McCauley, Boulder pillar

Life long Jefferson County resident Evelyn Huller McCauley passed away at her home on January 3rd, 2019 at the age of 99.

She was born the eldest daughter of Jay E. and Mary Salmond Huller on September 4th, 1919 in her grandmother's log cabin on the Jefferson River near Willow Creek. She grew up on the family farm, helping with the chores, harvesting hay with horse drawn machinery, milking cows, working in the garden and helping her mother can the harvest. She was joined by a sister Iris in 1923 and a brother Frank in 1929.

She graduated from Willow Creek High School in 1938 and completed business college in Butte, Montana. Her first job and her life in Boulder began in 1940 at the Montana State Training School (MDC) as secretary to the superintendent of the campus.

She met Eugene McCauley there and they were married in Deer Lodge on April 4, 1942. They lived in Boulder and raised 5 children. After the children were older, she worked as dispatcher and office clerk for the Jefferson County Sheriff's department and in the County Treasurer's office.

She was active in the community as a 4-H leader, a Cub Scout den mother, a member of St. Catherine's Parish and the Senior Citizen's Center. She was one of the driving forces in the establishment and operation of the See and Save Store. She spent hours with a group of her friends, making quilts from old clothes and then they donated the quilts where ever they were needed.

In 1972, after the death of her husband, she bought a house in Boulder and was often seen outside, tending to her yard, garden and flowers. She learned to paint, her favorite subjects were scenery, old houses and horses. She loved to sew and read, doing both well into her 90s. She also loved to travel.

Evelyn was preceded in death by her husband in 1971, her parents and her sister, Iris.

She is survived by her brother Frank (Jean) Huller of Bridger, MT, her children Larry (Marjie) of Cardwell, James (Carole) of Boulder, Monica of Eagle River, Alaska, Leo of Anchorage, Alaska, and Paul (Lynn) of Bozeman. She has six grandchildren, twelve great grandchildren, and 2 great great grandchildren.

Cremation has taken place and a burial will be held in the spring in the cemetery at St. John the Evangelist Catholic Church in the Boulder Valley. At that time, there will be a celebration of her life with family and friends.

In lieu of flowers, the family requests that memorials be made, in Evelyn's name, to the Jefferson County Heritage Center in Boulder, Montana.

K&L Mortuaries & Crematory of Boulder is assisting with arrangements.

Jefferson High School Policy Committee
Joint Committee Meeting with JHS Board

Wednesday, Jan. 23, 6 pm
Clancy Elementary School board room

Agenda: Review and discussion of Policy 4330 on facility use.

No decisions are made by a subcommittee of the Jefferson High School Board of Trustees unless authorized by action of a majority of the members of the board in a regular meeting

Boulder Community Library
January Happenings

24: Robotics, 3:30 pm;
Alzheimers Awareness, 6 pm
25: Tai Chi, 9 am
26: Robotics Challenge, Bozeman
28: Tai Chi, 9 am
29: Story Hour, 11 am; Robotics, 3:30 pm;
Book Club, 6:30 pm
30: Tai Chi, 9 am; Head Start, 11 am;

For more information call 225-3241 or visit https://sites.google.com/site/bouldercommunitylibrary/
And check us out on Facebook

Boulder Senior Citizens Dinner Club Menu

Thursday, January 24: Chili con carne, cornbread, veggie relish, coleslaw, pineapple..
****
Tuesday, January 29: Pork in gravy, brown rice, green peas, 4-bean salad, applesauce.
****
Wednesday, January 30: Chicken-n-veggie noodle soup, egg salad sandwich, veggie relish, sweet peaches.

Reservations: No later than 9:30 a.m. Senior Center, 225-3656.

Take out meals may vary. Bread or rolls served at every meal.

Every fourth Thursday of the month there is live music and a birthday party for members for that month.

Happy Birthday

January 23 - Denise Grove
January 24 - Gail Lattin, Ben Wrzesinski
January 30 - Soja Giulio VanDyke
January 31 - Leroy Fadness, Dan Nelson

JEFFERSON COUNTY COMMISSIONERS
COURTHOUSE, PO BOX H
BOULDER, MT 59632
PHONE 406 225-4025
FAX 406 225-4148
County website: http://jeffersoncounty-mt.gov

LEONARD WORTMAN, CHAIR BOB MULLEN CORY KIRSCH

AGENDA

January 29, 2019

MEETING TO BE HELD IN THE CLERK AND RECORDER MEETING ROOM

9:30 CALL MEETING TO ORDER

CLAIMS APPROVAL
A list of claims to be approved will be in the Clerk & Recorder's office by Friday of the previous week.

10:00 MEETING WITH ROAD DEPARTMENT

10:30 MEETING WITH VARIOUS DEPARTMENT HEADS
GIS Department

12:00 Recess for lunch

Re-Convene at 1:30 P.M.

- **PLEDGE OF ALLEGIANCE**
- **MINUTES**
- **REPORTS**
- **CORRESPONDENCE**
  Copies of all incoming and outgoing correspondence are on file in the Commission office for public review.
- **CALENDAR REVIEW**
- **COMMISSION REPORTS**
- **OPPORTUNITY FOR PUBLIC COMMENT**
  The Commission welcomes and encourages public comment, and comments related to agenda items will be taken at the time the item is dealt with. The Commission may limit the amount of time for comment if they become extensive. The Commission will take no action on comments not related to agenda items at this meeting. To insure that others who want to address the same issue have the opportunity to do so, the item may be placed on an agenda for a later meeting.

- **ITEMS FOR COMMISSIONERS' ACTION OR REVIEW**

Time Specific:

2:00 Public Hearing - Brownfield grant application

Non Time Specific:
Non time-specific items will be dealt with at any time during the agenda, as time allows. Items to be acted on and supporting and informational documents are available for viewing in the Clerk and Recorder's office.

Contract for Capital Improvement Plan
Resolution 05-2019 Clean Indoor Air
Resolution 06-2019 Temporary/Seasonal Weight Restrictions on County Roads
Sign agreement between Jefferson County and City of Boulder for use of Justice Court
Discuss and decide on Cowboy Hall of Fame issues

Statutory Cost Share

JEFFERSON
LOCAL DEVELOPMENT
CORPORATION
JLDC

January 29, 2019

Subject: Matching Funds Commitment

To Whom It May Concern:

The Jefferson Local Development Corporation (JLDC) is in the process of applying for an EPA Cleanup Grant totaling $313,130 on Building #6 on the Boulder South Campus.

We are committed to the 20% matching funds requirement of $62,626 and request $42,626 would be provided as hard cash match with the remaining $20,000 be accepted as an in-kind donation for JLDC service to manage and oversee the grant implementation.

JLDC is the lead economic development organization for Jefferson County, providing information, finance solutions and educational programs for businesses and community members.

The cleanup of this site would make the area more appealing for redevelopment efforts as the community strives to improve the economic conditions in the area as a result of the loss of their major employer.

Sincerely,

Tom Harrington
Co-Manager

103 West Legion Street
P.O. Box 1079
Whitehall, MT 59759

Tel 406.287.3282
Fax 406.287.3287

Email
alison.richardson@montana.edu
tom.harrington@montana.edu

Web www.jldcmt.com

Youth Dynamics

January 29, 2019

Jefferson Local Development Corporation
PO Box 1079
Whitehall, MT 59759

Subject: Boulder South Campus Letter of Support

To Whom It May Concern:

Youth Dynamics, Incorporated is a tenant on the Boulder South Campus property and supports the Jefferson Local Development Corporation clean up grant application for Building #6. The vacant building is located on the main state highway entering the community and adjacent to our current youth services operation. This community blight is also a detractor for our current youth services operation and is located within a historic district with several other buildings that have the opportunity for development into needed community workforce housing and commercial space.

We have been a long term resident at the site and redevelopment of the building would enhance our operation and make the area more appealing for our youth services organization. We have also explored either new or remodeled group homes at the site and is still a future potential.

It is our good fortune to be part of this campus that is improving and has tremendous opportunity for future growth. Support for campus improvements is vital to our programs and future programs that will occupy the South campus. We are in full support of enhancements and needed attention to the campus. We support the Jefferson Local Development Corporation and have found a very good partner in JLDC as we care for children with mental health needs.

Sincerely,

Dennis Sulser, Ed. D.
CEO/President

Jefferson County Commission

118 W. Centennial

Post Office Box H

Boulder, Montana 59632-0249

(406) 225-4025 Voice / (406) 225-4148 Fax

Leonard Wortman, Chair Bob Mullen, Commissioner Cory Kirsch, Commissioner

January 29, 2019

Jefferson County Commission
PO Box H
Boulder, MT 59635

Subject: Letter of Support

To Whom It May Concern:

We support the Jefferson Local Development Corporation (JLDC) clean up grant application for Building #6 on the Boulder South Campus property.

Boulder, Montana is a small rural community that is in the process of recovering from the recent closure of their major employer and is working on economic revitalization opportunities. The vacant Building #6 is situated on the main highway entering the community and is a constant reminder to the area blight and is a detractor to positive redevelopment. There is opportunity in to redevelop this site into a productive residential or commercial area and the cleanup grant will assist with the process.

The cleanup of the site would also make the area more appealing for the youth services organization located is a neighbor in two adjacent buildings that has expressed an interest in possible expansion.

Sincerely,

Leonard Wortman

Leonard Wortman
Chair

BOULDER AREA CHAMBER of COMMERCE

P.O. Box 278
Boulder, Mt 59632
406-202-6587

January 29, 2019

Jefferson Local Development Corporation
PO 1079
Whitehall, MT 59759

Subject: Boulder South Campus Letter of Support

To Whom It May Concern:

The Boulder Chamber of Commerce is active in promoting businesses and new business opportunities in Boulder, Montana and supports the Jefferson Local Development Corporation cleanup grant application for Building #6 on the South Campus property. Boulder is a small rural community that recently endured the closure of their major employer and is working to revitalize the local economic and create new opportunities. The vacant Building #6 is located on the main state highway entering the community and creates a blight and detractor for economic development efforts. The building is located within a historic district with several other buildings that have the opportunity for development into needed community workforce housing and commercial space.

The cleanup and redevelopment of this building would also make the area more appealing for the youth services organization currently located in adjacent buildings that has expressed an interest in expanding their business using either a remodeled facility or new construction at the site.

Sincerely,

Kayla Holman

Kayla Holman
2019 President

Boulder Transition Advisory Council (BTAC)

Drew E. Dawson, Chairperson
P.O. Box 1255
Boulder, MT 59632

January 29, 2019

Jefferson Local Development Corporation
PO Box 1079
Whitehall, MT 59759

Subject: Letter of Support Boulder South Campus

To Whom It May Concern:

The Boulder Transition Advisory Committee (BTAC) is a citizen committee that started in 2015 and meets monthly to help improve economic development opportunities in the Boulder area. We support the Jefferson Local Development Corporation EPA Cleanup Grant application for Building #6 on the Boulder South Campus.

The community of Boulder is in the process of working to improve and enhance economic revitalization due to the loss of their major employer. The vacant Building #6 is located in a historic district along the major highway entering Boulder and the current condition of blight is a detractor to redevelopment efforts in the area. There is a good opportunity to redevelop this site into needed residential or commercial property that would help with ongoing revitalization efforts.

Sincerely,

Drew Dawson
Chairperson

OMB Number: 4040-0004
Expiration Date: 12/31/2019

Application for Federal Assistance SF-424

* 1. Type of Submission:
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

* 2. Type of Application:
- [x] New
- [ ] Continuation
- [ ] Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received: 01/31/2019

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Jefferson Local Development Corporation

* b. Employer/Taxpayer Identification Number (EIN/TIN): (b) (6) [redacted]

* c. Organizational DUNS:

d. Address:

* Street1: 103 West Legion Avenue

Street2:

* City: Whitehall

County/Parish: Jefferson

* State: MT: Montana

Province:

* Country: USA: UNITED STATES

* Zip / Postal Code: 59759-1079

e. Organizational Unit:

Department Name:

Division Name:

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:

* First Name: Tom

Middle Name:

* Last Name: Harrington

Suffix:

Title: General Manager

Organizational Affiliation:

* Telephone Number: 406-287-3282

Fax Number:

* Email: tom.harrington@montana.edu

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

N: Nonprofit without 501C3 IRS Status (Other than Institution of Higher Education)

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.818

CFDA Title:

Brownfields Assessment and Cleanup Cooperative Agreements

*** 12. Funding Opportunity Number:**

EPA-OLEM-OBLR-18-07

* Title:

FY19 GUIDELINES FOR BROWNFIELDS CLEANUP GRANTS

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment | Delete Attachment | View Attachment

*** 15. Descriptive Title of Applicant's Project:**

Montana State School Hazardous Materials Project - Northern X Dormitory #6

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant: MT
* b. Program/Project: MT

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment | Delete Attachment | View Attachment

17. Proposed Project:

* a. Start Date: 07/01/2019
* b. End Date: 06/30/2021

18. Estimated Funding ($):

* a. Federal	313,130.00
* b. Applicant	62,626.00
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	375,756.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment | Delete Attachment | View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: | * First Name: Tom

Middle Name:

* Last Name: Harrington

Suffix:

* Title: General Manager

* Telephone Number: 406-287-3282 | Fax Number:

* Email: tom.harrington@montana.edu

* Signature of Authorized Representative: Craig Erickson | * Date Signed: 01/31/2019